01 Schüco Aluminium Fenster- und Türsysteme

Schüco Aluminium Window and Door Systems

SCHÜCO

Inhalt
Contents

Referenzen
Reference projects 05

Grundlagen
Basic principles 37

Fenstersysteme
Window Systems 61

62 Standardsysteme
Standard systems
112 Blockserien
Block series
132 Fensterfassaden
Window façades
144 Verbundfenster
Composite windows
166 Ungedämmte Systeme
Non-insulated systems

Türsysteme
Door Systems 175

176 Standardsysteme
Standard systems
236 Ungedämmte Systeme
Non-insulated systems

Beschläge und Zubehör
Fittings and accessories 251

252 Fensterbeschläge
Window fittings
268 Türbeschläge
Door fittings
294 Zubehör
Accessories

Technische Daten
Technical data 323

324 Profilübersicht Schüco Fenster AWS
Overview of profiles for Schüco AWS windows
390 Profilübersicht Schüco Türen ADS
Overview of profiles for Schüco ADS doors
420 Profilübersicht serienübergreifend
Overview of profiles for all series

Das Unternehmen
The Company 435

Referenzen
Reference projects

05

Referenzen
Reference projects

Schüco Fenster AWS und Schüco Türen ADS stehen für hohe Energieeffizienz, zeitloses Design, komfortable Verarbeitungsmöglichkeiten, einfache Bedienbarkeit und intelligente Sicherheitsmerkmale. Ob im privaten Wohnungsbau oder in gewerblichen Immobilien – Schüco Fenster- und Türsysteme sind in der ganzen Welt zu Hause.

Schüco AWS windows and Schüco ADS doors combine a high level of energy efficiency with a timeless desisgn, offer convenient fabrication options, are simple to operate and have intelligent security features. Whether in private homes or commercial properties, Schüco window and door systems can be used all over the world.

10 Hackesches Quartier, Berlin, Deutschland
Hackesches Quartier, Berlin, Germany

12 Riegelwerk, Köln, Deutschland
Riegelwerk, Cologne, Germany

14 ZVE, Stuttgart, Deutschland
ZVE, Stuttgart, Germany

16 Grundschule, Serrig, Deutschland
Primary school, Serrig, Germany

18 Ärzte-Kompetenz-Zentrum, Leipzig, Deutschland
Centre for medical expertise, Leipzig, Germany

20 Hees Bürowelt, Siegen, Deutschland
Hees Bürowelt, Siegen, Germany

22 JohannisContor, Hamburg, Deutschland
JohannisContor, Hamburg, Germany

24 Olympia Hochhaus, München, Deutschland
Olympia tower, Munich, Germany

26 Dienstleistungszentrum Landkreis Emsland, Meppen, Deutschland
Service centre Emsland, Meppen, Germany

28 FOM SCIENCEoffice, Essen, Deutschland
FOM SCIENCEoffice, Essen, Germany

30 Privates Wohnhaus, Krefeld, Deutschland
Private home, Krefeld, Germany

32 Multifunktionscenter II, Lübeck, Deutschland
Multifunktionscenter II, Lübeck, Germany

34 Alte Schule, Egling, Deutschland
Old school, Egling, Germany

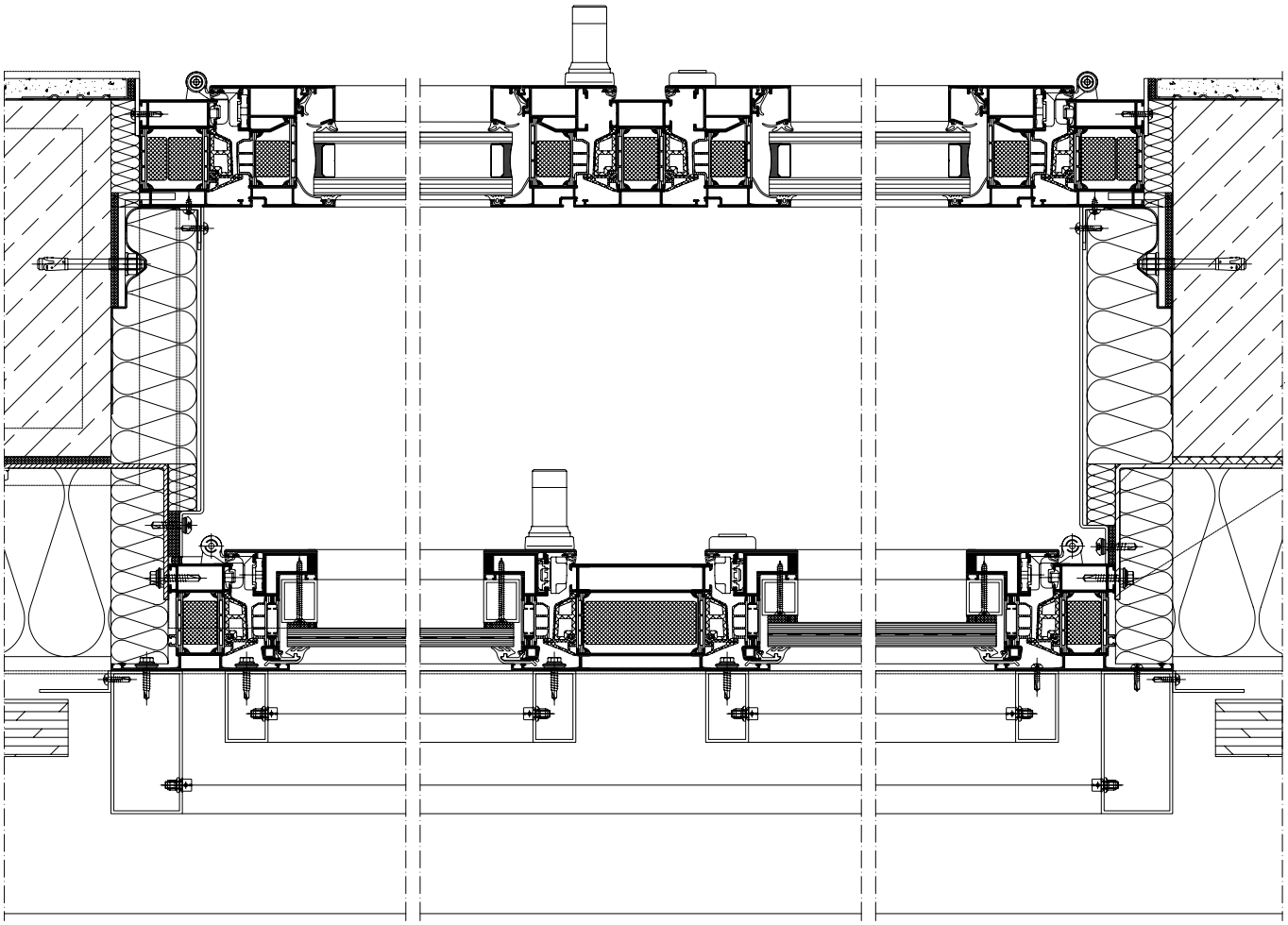
PURE ORIGINS
COFFEE
PURE ORIGINS
COFFEE

Objektbezeichnung
Hackesches Quartier, Berlin, Deutschland
Bauherr
IVG Asset Management GmbH, Berlin
Architekt und Gesamtplanung
Thomas Müller Ivan Reimann Architekten, Berlin
Weinmiller Architekten BDA, Berlin
Grüntuch Ernst Architekten, Berlin
Ausführung
Gattner GmbH, Leinefelde-Worbis
Klotz Metallbau GmbH, Merseburg
LANCO Lange Fenster- und Fassadenbau GmbH, Göttingen
Schüco System
Schüco Fenster AWS 75.SI*,
Schüco Fenster AWS 75 BS.HI

Project description
Hackesches Quartier, Berlin, Germany
Client
IVG Asset Management GmbH, Berlin
Architect and overall design
Thomas Müller Ivan Reimann Architekten, Berlin
Weinmiller Architekten BDA, Berlin
Grüntuch Ernst Architekten, Berlin
Construction
Gattner GmbH, Leinefelde-Worbis
Klotz Metallbau GmbH, Merseburg
LANCO Lange Fenster- und Fassadenbau GmbH, Göttingen
Schüco System
Schüco Window AWS 75.SI*,
Schüco Window AWS 75 BS.HI

* Technische Ausführung auch mit Schüco Fenster AWS 90.SI+ realisierbar
Construction also possible using Schüco Window AWS 90.SI+

Hackesches Quartier, Berlin, Deutschland
Hackesches Quartier, Berlin, Germany



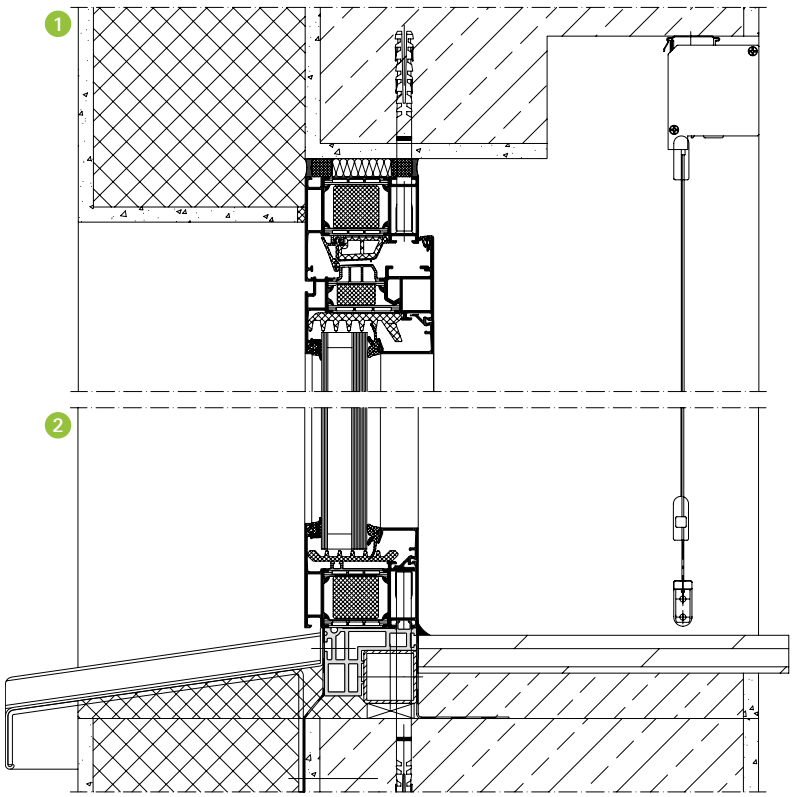
Maßstab 1:5
Scale 1:5

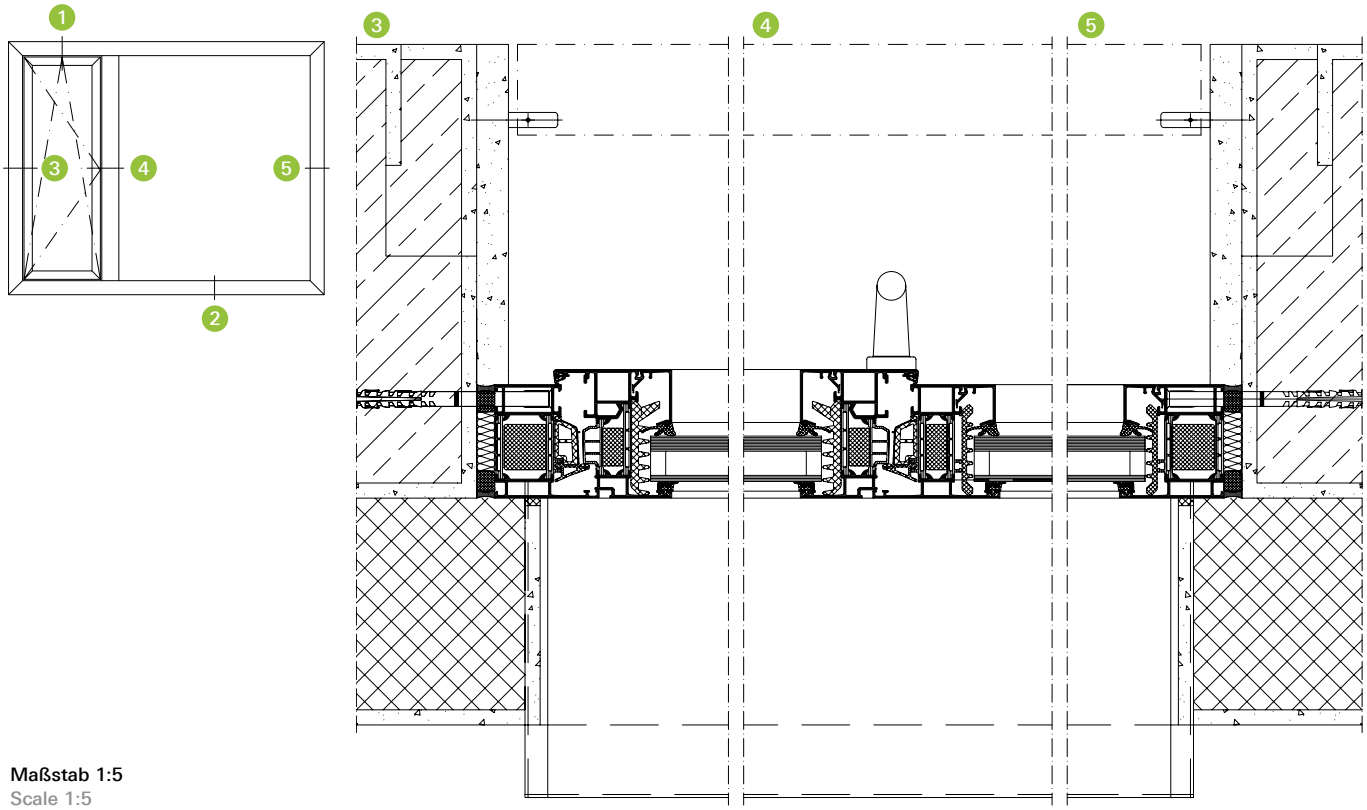
Objektbezeichnung
Riegelwerk, Modernisierung/Umbau, Köln, Deutschland
Bauherr
Wilfried Fahnenstich
Architekt und Gesamtplanung
raumwerk.architekten, Köln
Ausführung
Remmel + Peters GmbH & Co. KG, Köln
Schüco System
Schüco Fenster AWS 75.SI*

Project description
Riegelwerk, modernisation/renovation, Cologne, Germany
Client
Wilfried Fahnenstich
Architect and overall design
raumwerk.architekten, Cologne
Construction
Remmel + Peters GmbH & Co. KG, Cologne
Schüco System
Schüco Window AWS 75.SI*

* Technische Ausführung auch mit Schüco Fenster AWS 90.SI+ realisierbar
Construction also possible using Schüco Window AWS 90.SI+

Riegelwerk, Köln, Deutschland
Riegelwerk, Cologne, Germany



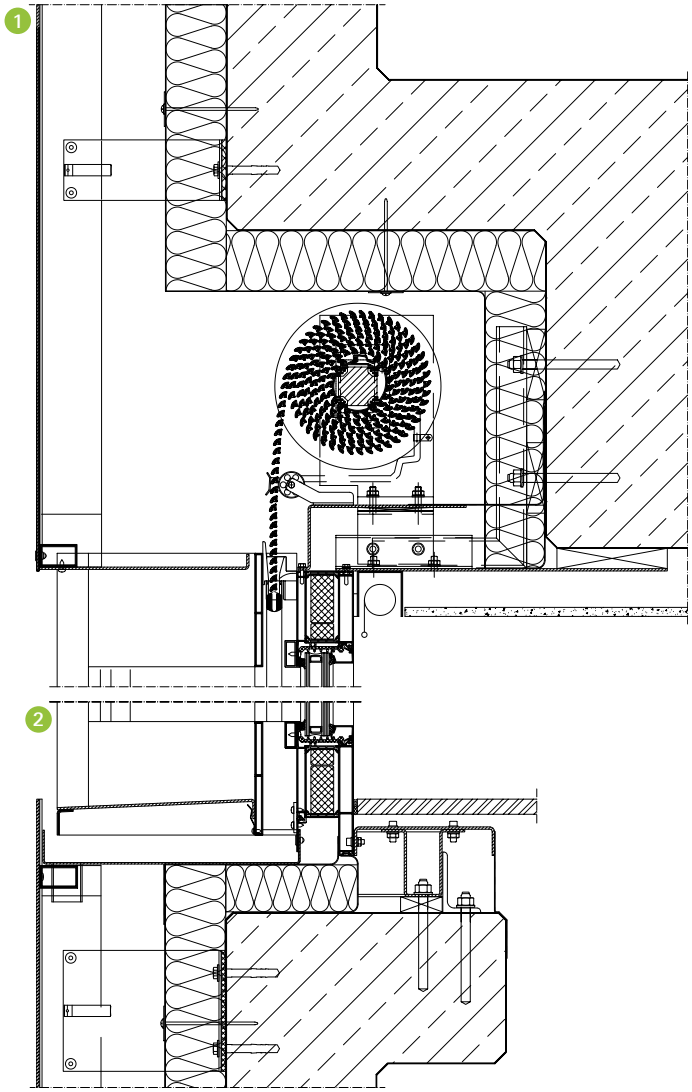


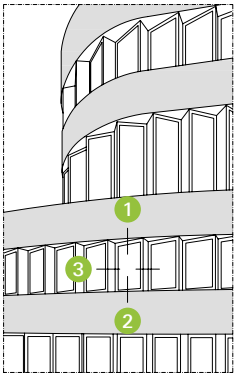
Maßstab 1:5
Scale 1:5

Objektbezeichnung
Zentrum für virtuelles Engineering (ZVE) am Institut für Arbeitsorganisation (IAO), Stuttgart, Deutschland
Bauherr
Fraunhofer Institut
Architekt und Gesamtplanung
UNStudio van Berkel & Bos, Amsterdam
asplan architekten bda, Kaiserslautern
Ausführung
Anders Metallbau GmbH, Fritzlar
Schüco System
Schüco Fenster AWS 75.SI

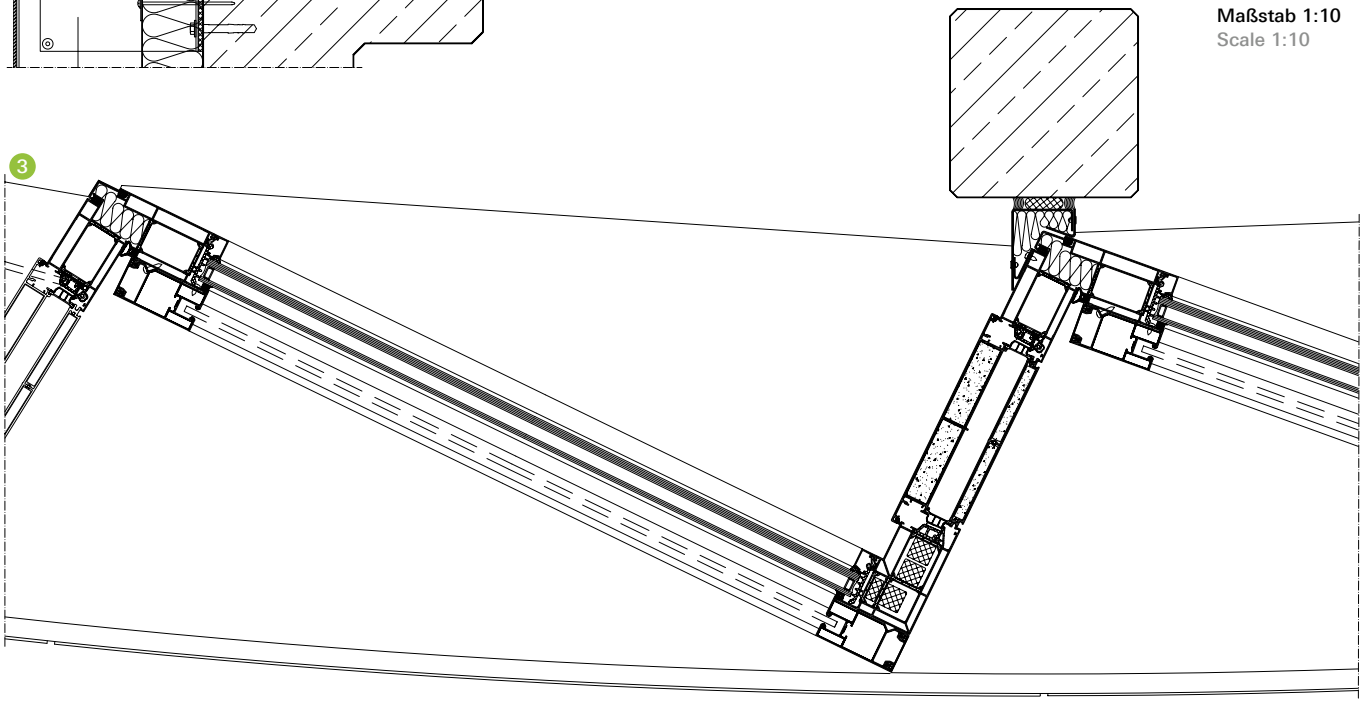
Project description
Centre for Virtual Engineering (ZVE) at the Institute for Work Organisation (IAO), Stuttgart, Germany
Client
Fraunhofer Institute
Architect and overall design
UNStudio van Berkel & Bos, Amsterdam
asplan architekten bda, Kaiserslautern
Construction
Anders Metallbau GmbH, Fritzlar
Schüco System
Schüco Window AWS 75.SI

ZVE, Stuttgart, Deutschland
ZVE, Stuttgart, Germany





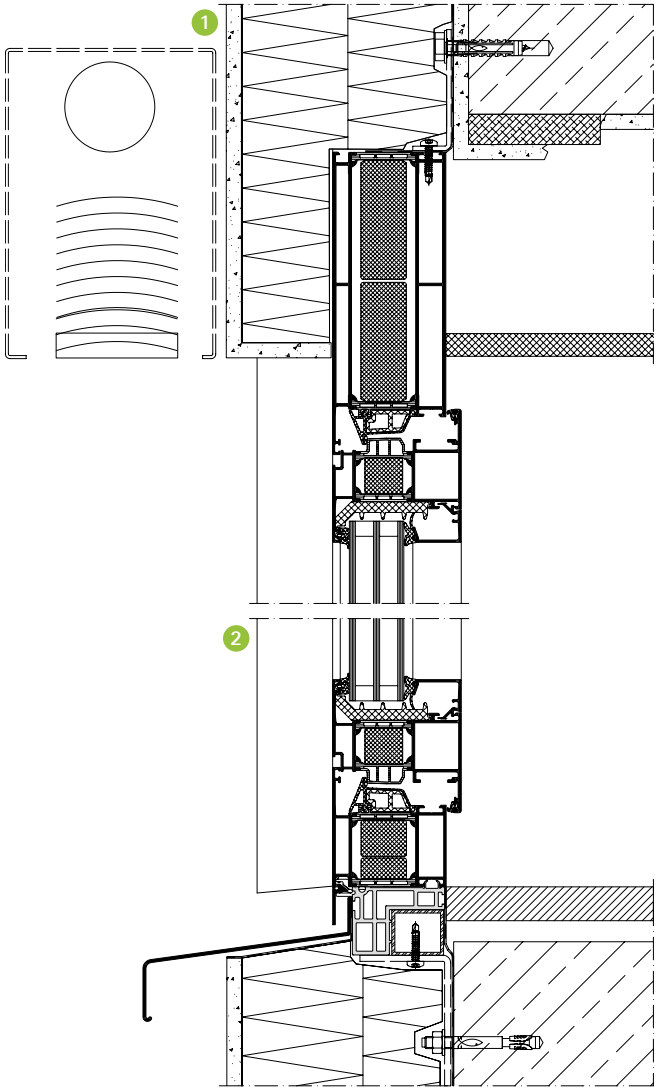
Maßstab 1:10
Scale 1:10

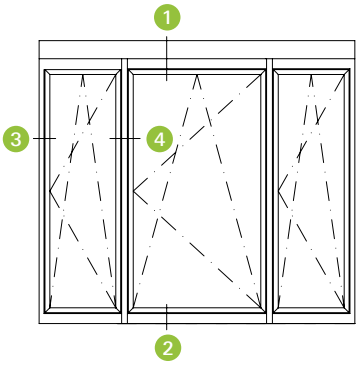


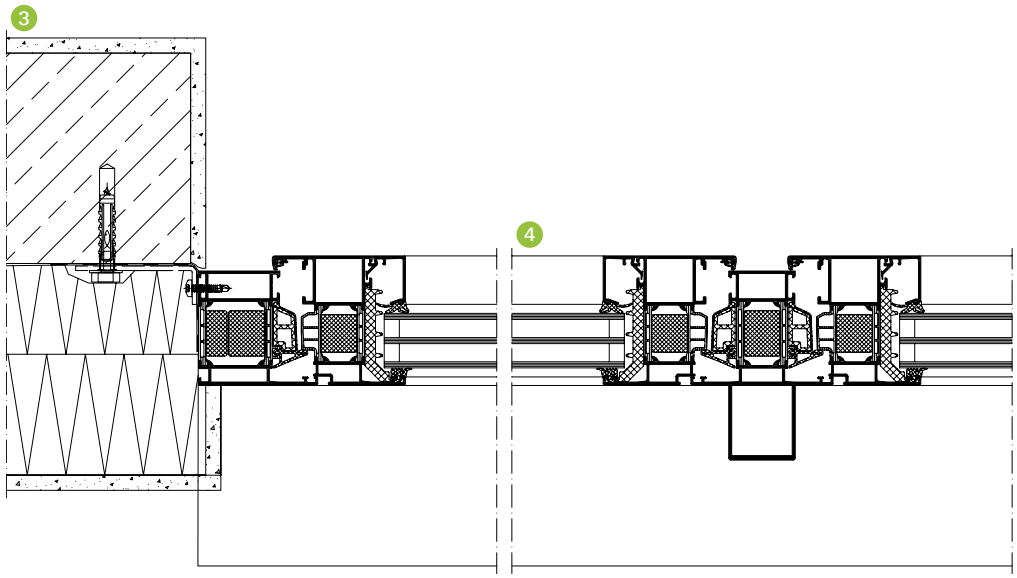
Objektbezeichnung
Modernisierung Grundschule, Serrig, Deutschland
Bauherr
Gemeinde Serrig
Architekt und Gesamtplanung
Jäger Henter Weimann Architekten und Ingenieure, Serrig
Ausführung
Metallbau Klippel GmbH, Binsfeld
Schüco System
Schüco Fenster AWS 75.SI

Project description
Primary school modernisation, Serrig, Germany
Client
Serrig local authority
Architect and overall design
Jäger Henter Weimann architects and engineers, Serrig
Construction
Metallbau Klippel GmbH, Binsfeld
Schüco System
Schüco Window AWS 75.SI

Grundschule, Serrig, Deutschland
Primary school, Serrig, Germany





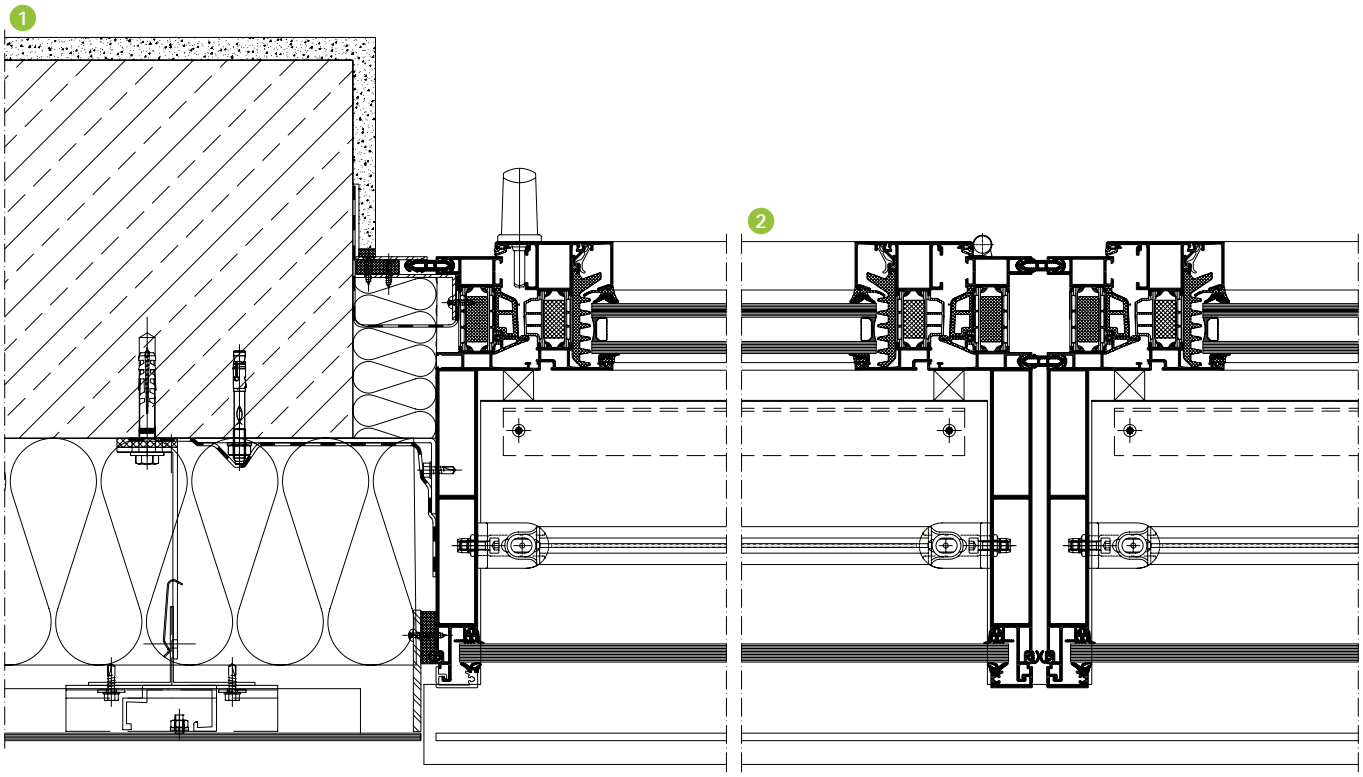


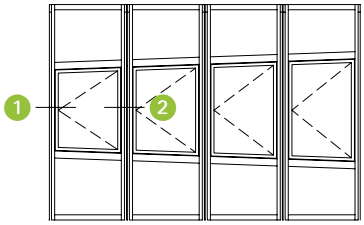
Maßstab 1:5
Scale 1:5

Objektbezeichnung
Ärzte-Kompetenz-Zentrum, Leipzig, Deutschland
Bauherr
KSW GmbH, Leipzig
Architekt und Gesamtplanung
Dipl.-Ing. Martin Faßauer, Leipzig
Ausführung
Medicke Fassadentechnik GmbH, Borna
Schüco System
Schüco Fenster AWS 75.SI als Sonderausführung,
Schüco Tür ADS 75 HD.HI,
Schüco Fassade FW 50+.SI

Project description
Centre for medical expertise, Leipzig, Germany
Client
KSW GmbH, Leipzig
Architect and overall design
Dipl.-Ing. Martin Faßauer, Leipzig
Construction
Medicke Fassadentechnik GmbH, Borna
Schüco System
Schüco Window AWS 75.SI as a special construction,
Schüco Door ADS 75 HD.HI,
Schüco Façade FW 50+.SI

Ärzte-Kompetenz-Zentrum, Leipzig, Deutschland
Centre for medical expertise, Leipzig, Germany



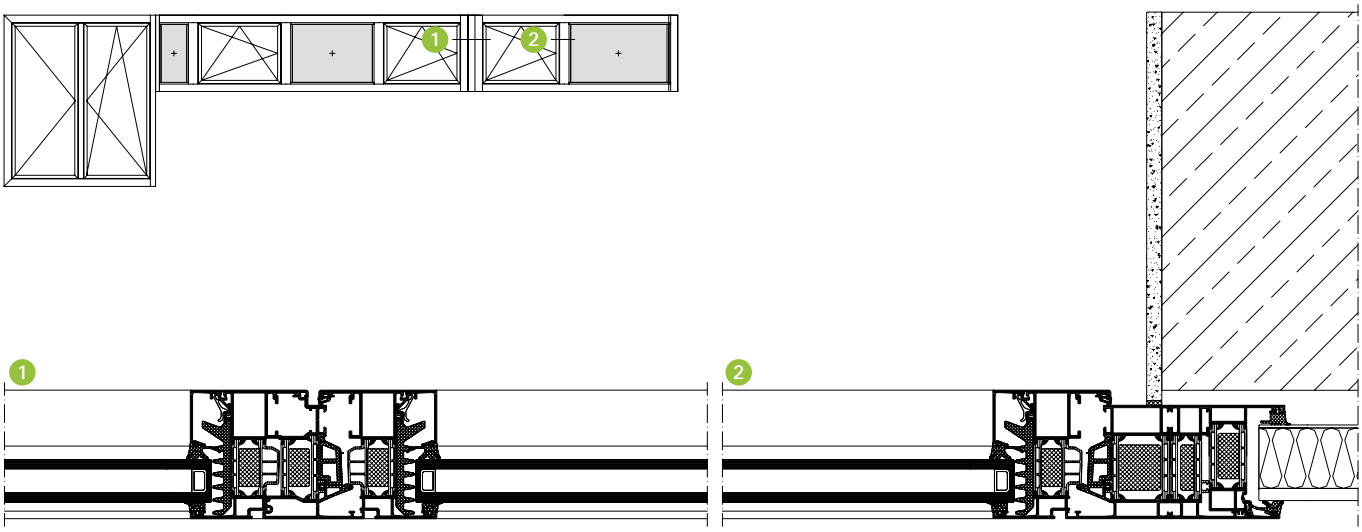


Maßstab 1:5
Scale 1:5

Objektbezeichnung
Hees Bürowelt, Siegen, Deutschland
Bauherr
Hees Bürowelt GmbH
Architekt und Gesamtplanung
winkel & partner architekten, Wilnsdorf
Ausführung
Polartherm Flachglas GmbH, PT Metallbau, Netphen
Schüco System
Schüco Fenster AWS 75.SI,
Schüco Tür ADS 75.SI,
Schüco TipTronic,
Schüco Fassade FW 50+.SI

Project description
Hees Bürowelt, Siegen, Germany
Client
Hees Bürowelt GmbH
Architect and overall design
winkel & partner architekten, Wilnsdorf
Construction
Polartherm Flachglas GmbH, PT Metallbau, Netphen
Schüco System
Schüco Window AWS 75.SI,
Schüco Door ADS 75.SI,
Schüco TipTronic,
Schüco Façade FW 50+.SI

Hees Bürowelt, Siegen, Deutschland
Hees Bürowelt, Siegen, Germany

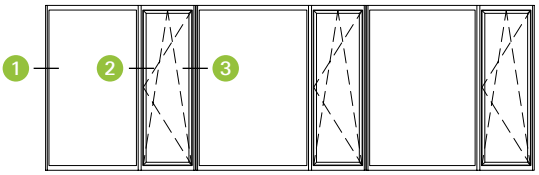


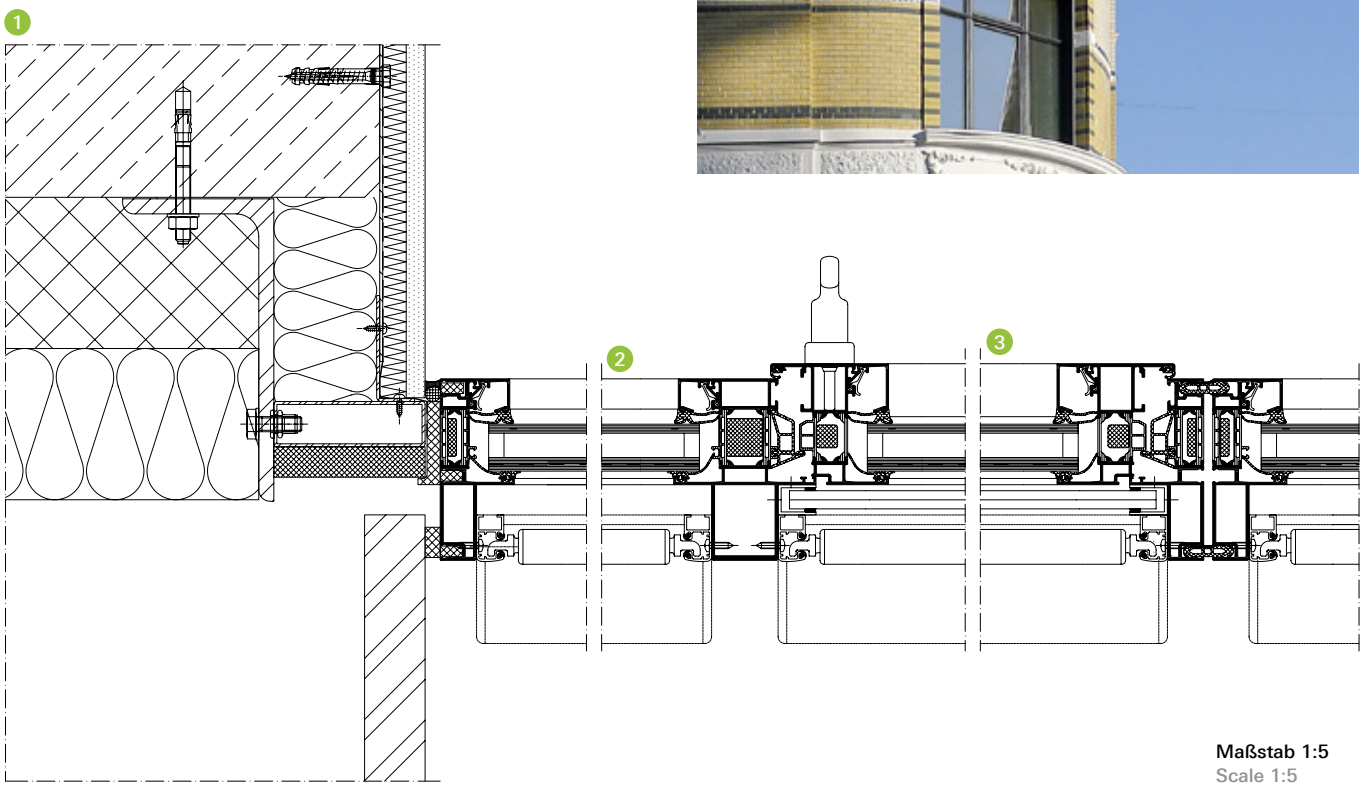
Maßstab 1:5
Scale 1:5

Objektbezeichnung
JohannisContor, Modernisierung, Hamburg, Deutschland
Bauherr
Tecno Beteiligungs GmbH
Architekt und Gesamtplanung
kbnk Architekten GmbH, Hamburg
Ausführung
Hansen Metallbau GmbH, Hamburg
Schüco System
Schüco Fenster AWS 70.HI

Project description
JohannisContor, modernisation, Hamburg, Germany
Client
Tecno Beteiligungs GmbH
Architect and overall design
kbnk Architekten GmbH, Hamburg
Construction
Hansen Metallbau GmbH, Hamburg
Schüco System
Schüco Window AWS 70.HI

JohannisContor, Hamburg, Deutschland
JohannisContor, Hamburg, Germany



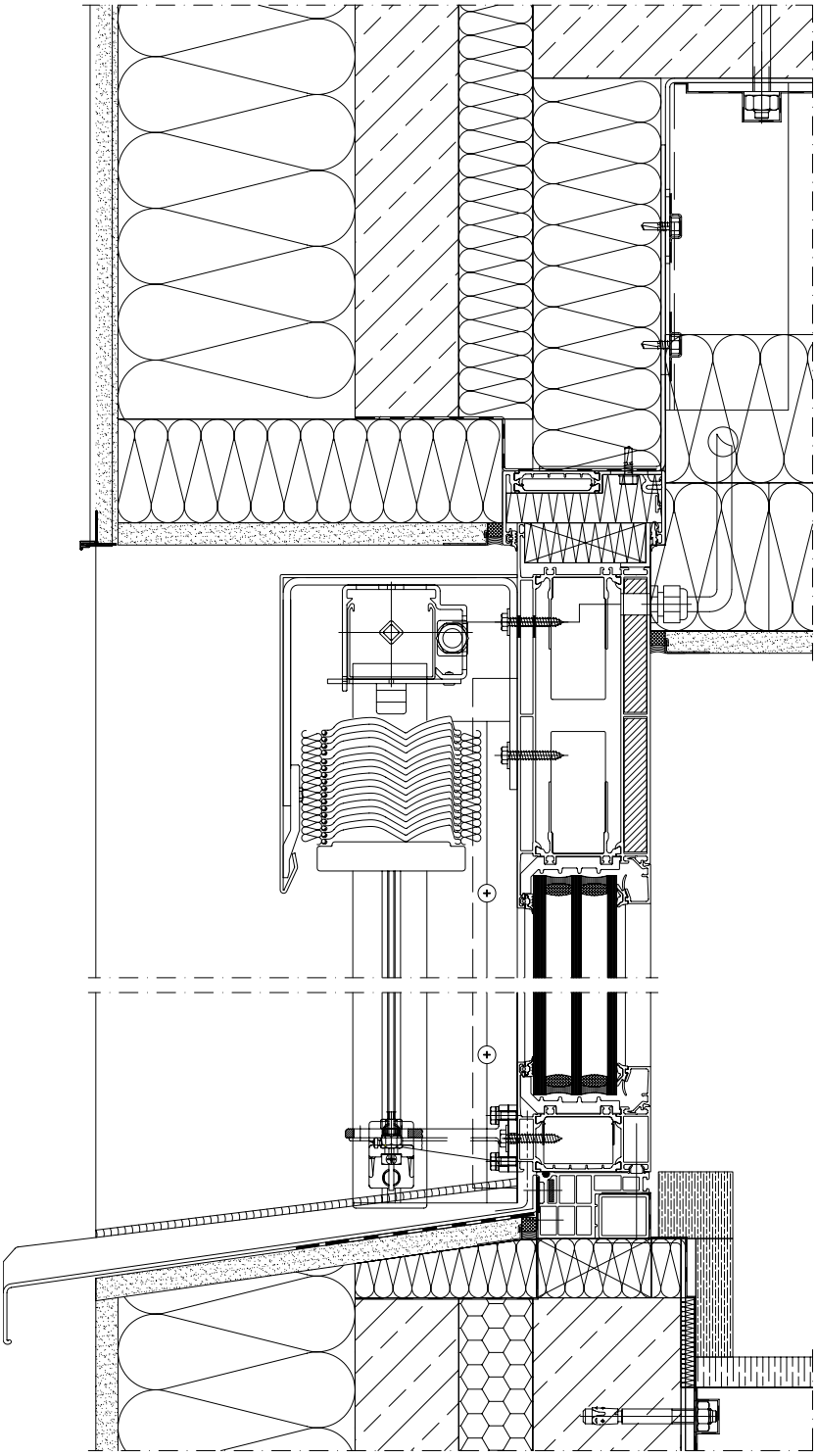


Maßstab 1:5
Scale 1:5

Objektbezeichnung
Olympia Hochhaus, München, Deutschland
Bauherr
Olympia-Tower MUC GmbH & Co. KG
Architekt und Gesamtplanung
Heinle, Wischer und Partner GbR, Stuttgart
Ausführung
Bäurle Tore und Elementbau GmbH, Nördlingen
Schüco System
Schüco Fenster AWS 90.SI+

Project description
Olympia tower, Munich, Germany
Client
Olympia-Tower MUC GmbH & Co. KG
Architect and overall design
Heinle, Wischer und Partner GbR, Stuttgart
Construction
Bäurle Tore und Elementbau GmbH, Nördlingen
Schüco System
Schüco Window AWS 90.SI+

Olympia Hochhaus, München, Deutschland
Olympia tower, Munich, Germany

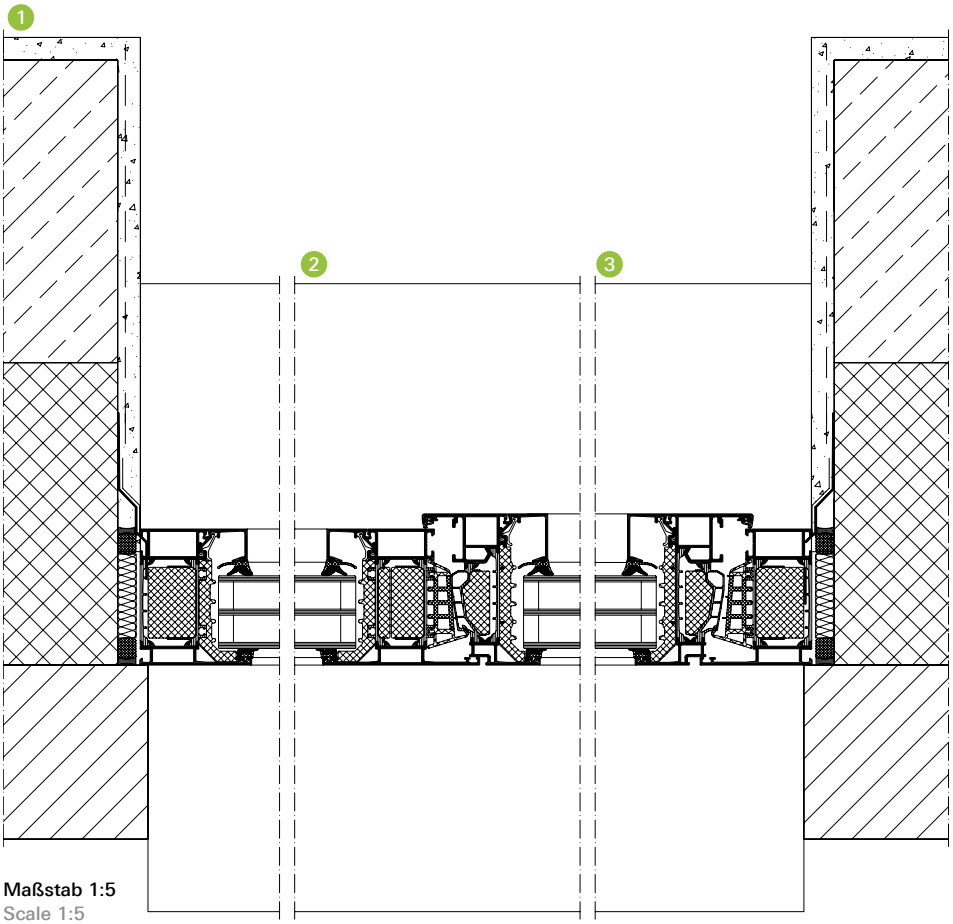


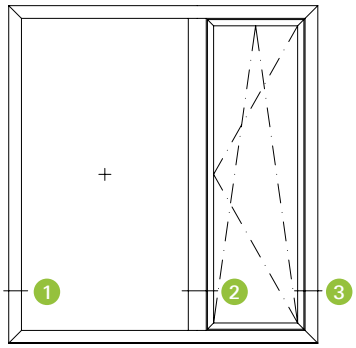
Maßstab 1:5
Scale 1:5

Objektbezeichnung
Dienstleistungszentrum Landkreis Emsland, Meppen, Deutschland
Bauherr
Landkreis Emsland
Architekt und Gesamtplanung
B&C Becker GmbH Architekten und Ingenieure, Haren
Ausführung
KUIPERS CNC Blechtechnik GmbH & Co. KG, Meppen
Schüco System
Schüco Fenster AWS 90.SI+,
Schüco Tür ADS 90.SI

Project description
Service centre Emsland, Meppen, Germany
Client
District of Emsland
Architect and overall design
B & C Becker GmbH Architekten und Ingenieure, Haren
Construction
KUIPERS CNC Blechtechnik GmbH & Co. KG, Meppen
Schüco System
Schüco Window AWS 90.SI+,
Schüco Door ADS 90.SI

Dienstleistungszentrum, Meppen, Deutschland
Service centre Emsland, Meppen, Germany



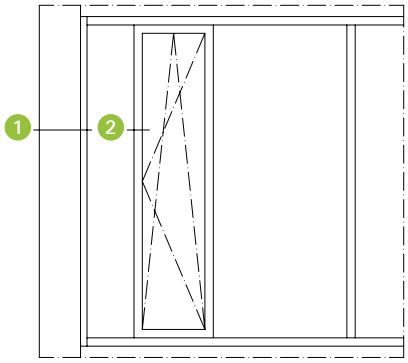


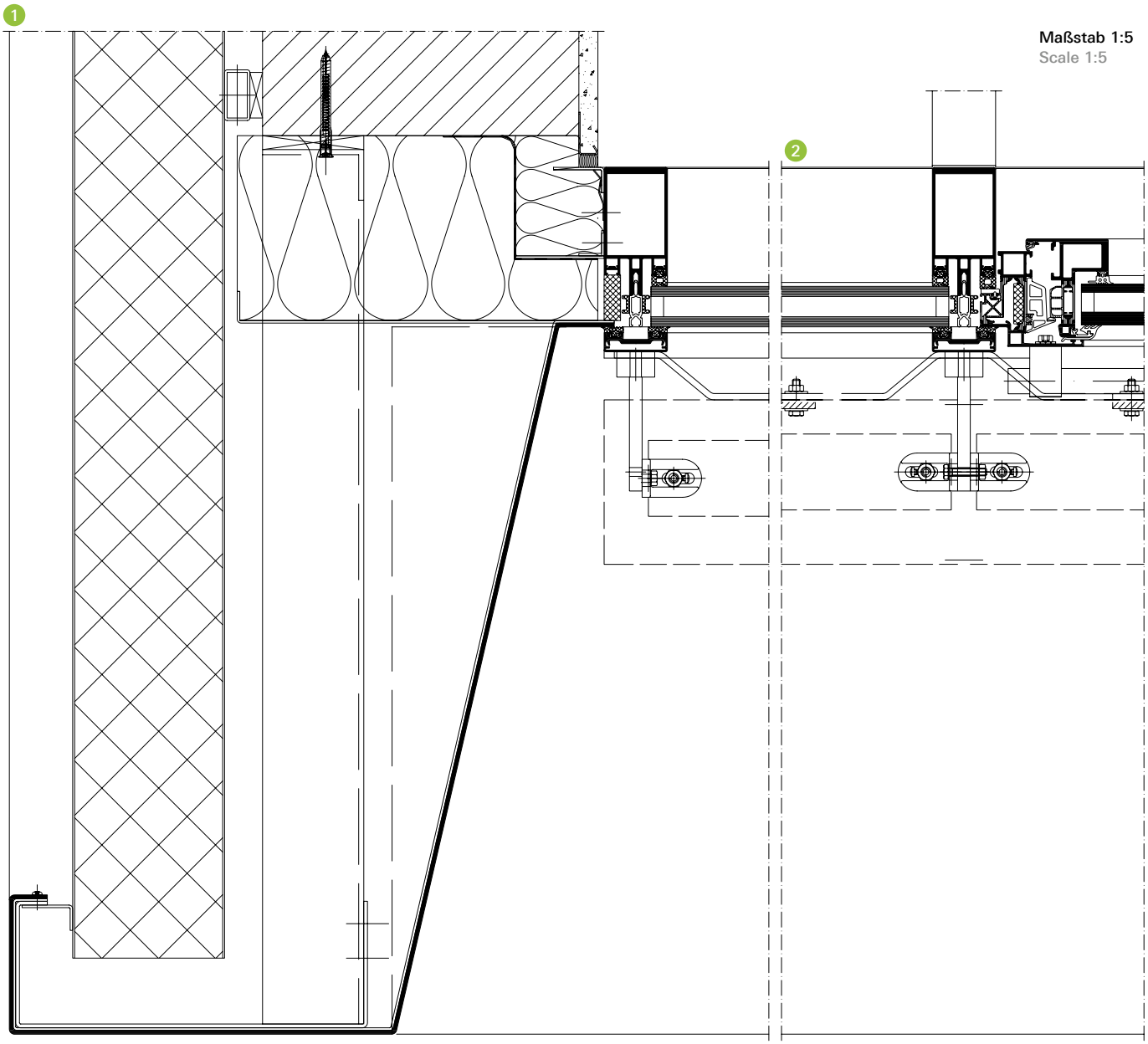
Maßstab 1:5
Scale 1:5

Objektbezeichnung
FOM SCIENCEoffice, Essen, Deutschland
Bauherr
BildungsCentrum der Wirtschaft
Architekt und Gesamtplanung
Koschany+Zimmer Architekten KZA, Essen
Ausführung
Metallbau Lamprecht GmbH, Datteln
Schüco System
Schüco Fenster AWS 75 BS.HI,
Schüco Tür ADS 70 HD,
Schüco Fassade FW 60+.HI (EG),
Schüco Fassade FW 50+.HI (OG)

Project description
FOM SCIENCEoffice, Essen, Germany
Client
BildungsCentrum der Wirtschaft
Architect and overall design
Koschany+Zimmer Architekten KZA, Essen
Construction
Metallbau Lamprecht GmbH, Datteln
Schüco System
Schüco Window AWS 75 BS.HI,
Schüco Door ADS 70 HD,
Schüco Façade FW 60+.HI (ground floor),
Schüco Façade FW 50+.HI (upper floor)

FOM SCIENCEoffice, Essen, Deutschland
FOM SCIENCEoffice, Essen, Germany



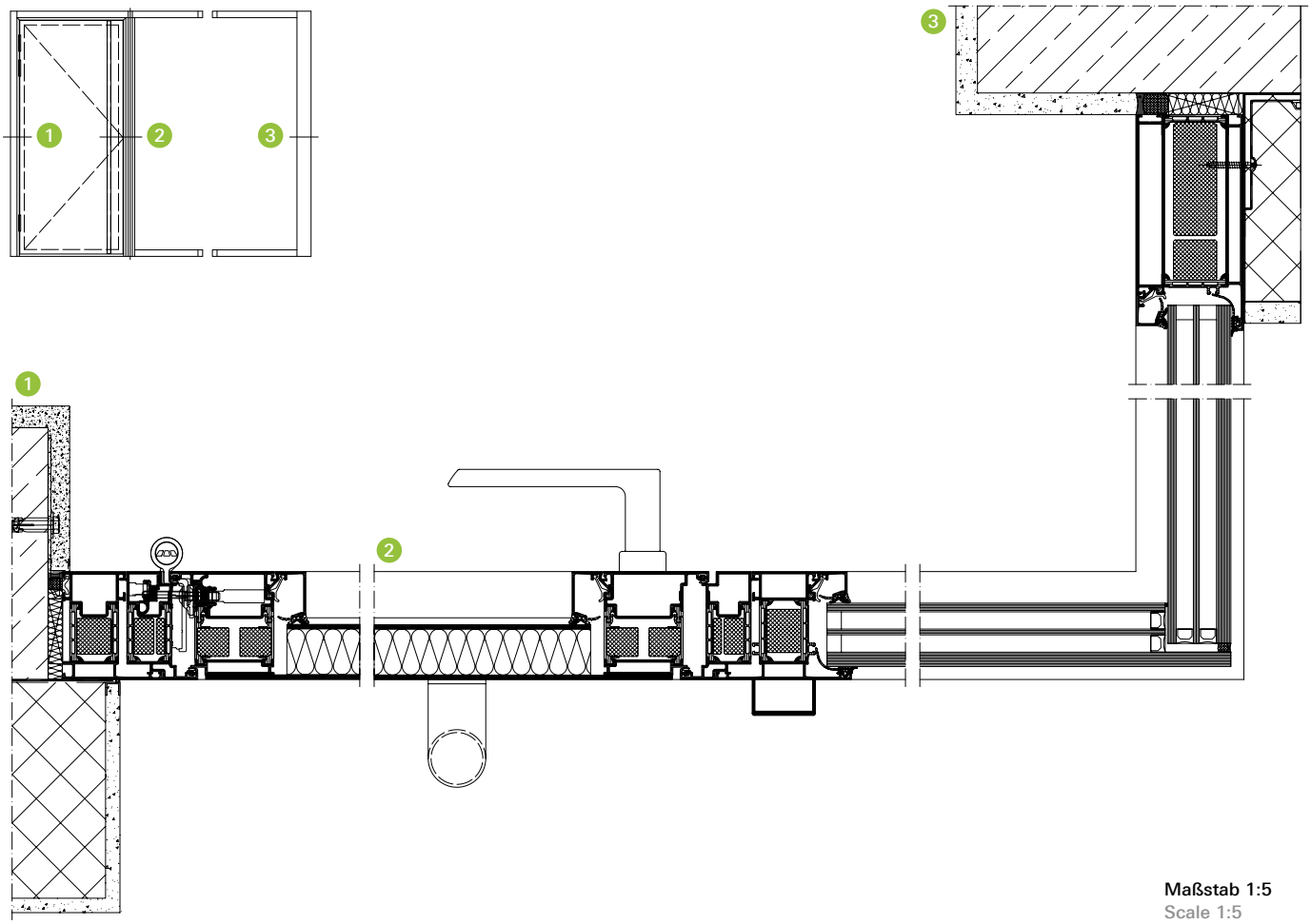


Objektbezeichnung
Privates Wohnhaus, Krefeld, Deutschland
Bauherr
Familie Benkelberg
Architekt und Gesamtplanung
BauAssist GmbH, Willich
Ausführung
Metallbau Vos GmbH, Geldern
Schüco System
Schüco Tür ADS 75.SI*

Project description
Private home, Krefeld, Germany
Client
Benkelberg family
Architect and overall design
BauAssist GmbH, Willich
Construction
Metallbau Vos GmbH, Geldern
Schüco System
Schüco Door ADS 75.SI*

* Technische Ausführung auch mit Schüco Tür ADS 90.SI realisierbar
Construction also possible with Schüco Door ADS 90.SI

Privates Wohnhaus, Krefeld, Deutschland
Private home, Krefeld, Germany

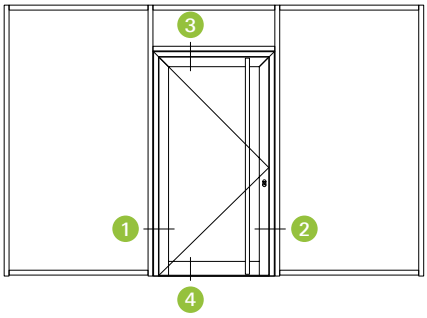


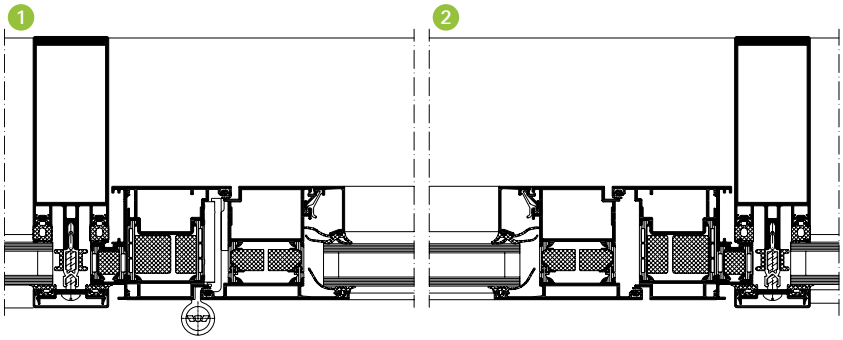
Maßstab 1:5
Scale 1:5

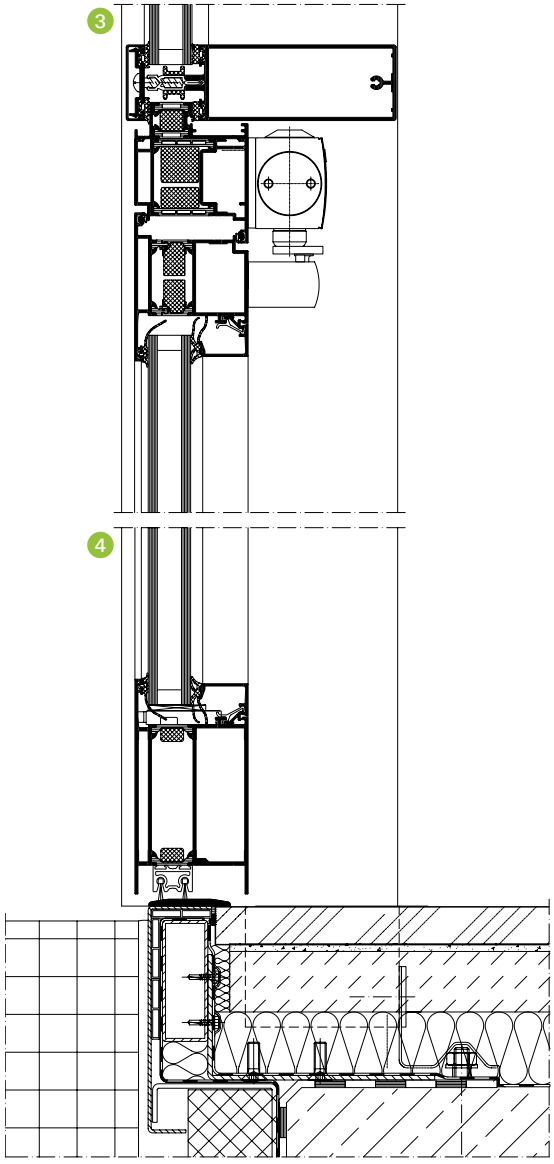
Objektbezeichnung
Multifunktionscenter II, Lübeck, Deutschland
Bauherr
Technikzentrum Lübeck, Lübeck
Architekt und Gesamtplanung
ziebell + partner, Lübeck
Ausführung
Metallbau-Kettner GmbH, Stäbelow
Schüco System
Schüco Fenster AWS 75.SI,
Schüco Tür ADS 75 HD.HI,
Schüco Fassade FW 50^{+}.HI

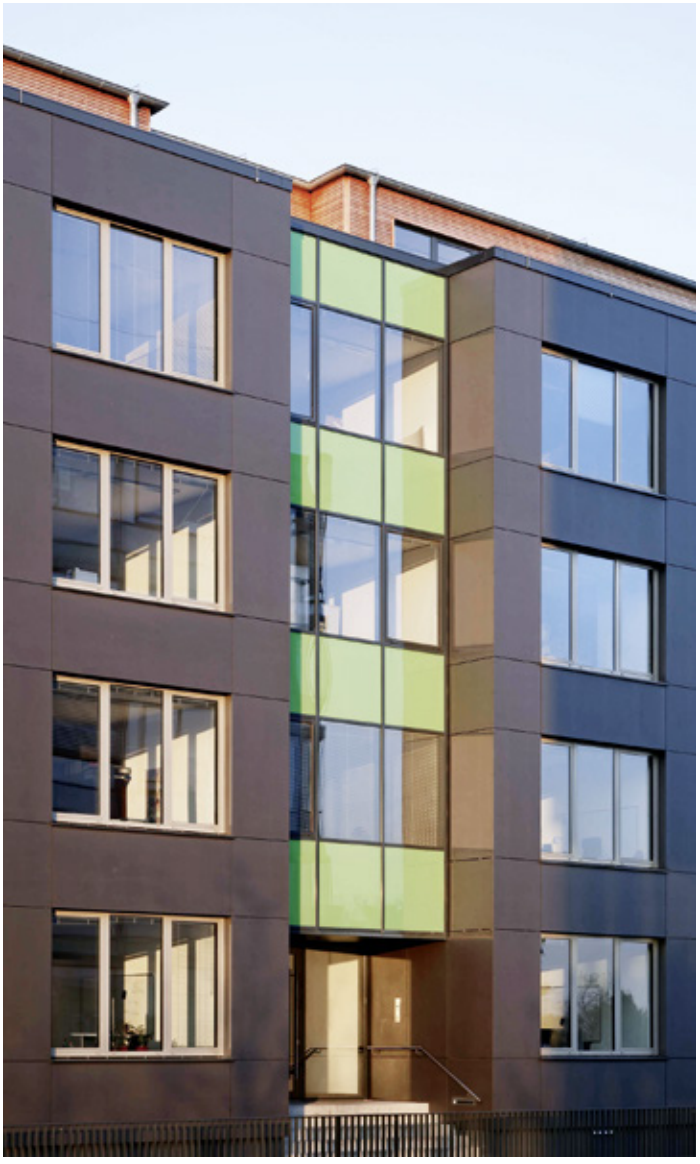
Project description
Multifunktionscenter II, Lübeck, Germany
Client
Technikzentrum Lübeck, Lübeck
Architect and overall design
ziebell + partner, Lübeck
Construction
Metallbau-Kettner GmbH, Stäbelow
Schüco System
Schüco Window AWS 75.SI,
Schüco Door ADS 75 HD.HI,
Schüco Façade FW 50^{+}.HI

Multifunktionscenter II, Lübeck, Deutschland
Multifunktionscenter II, Lübeck, Germany







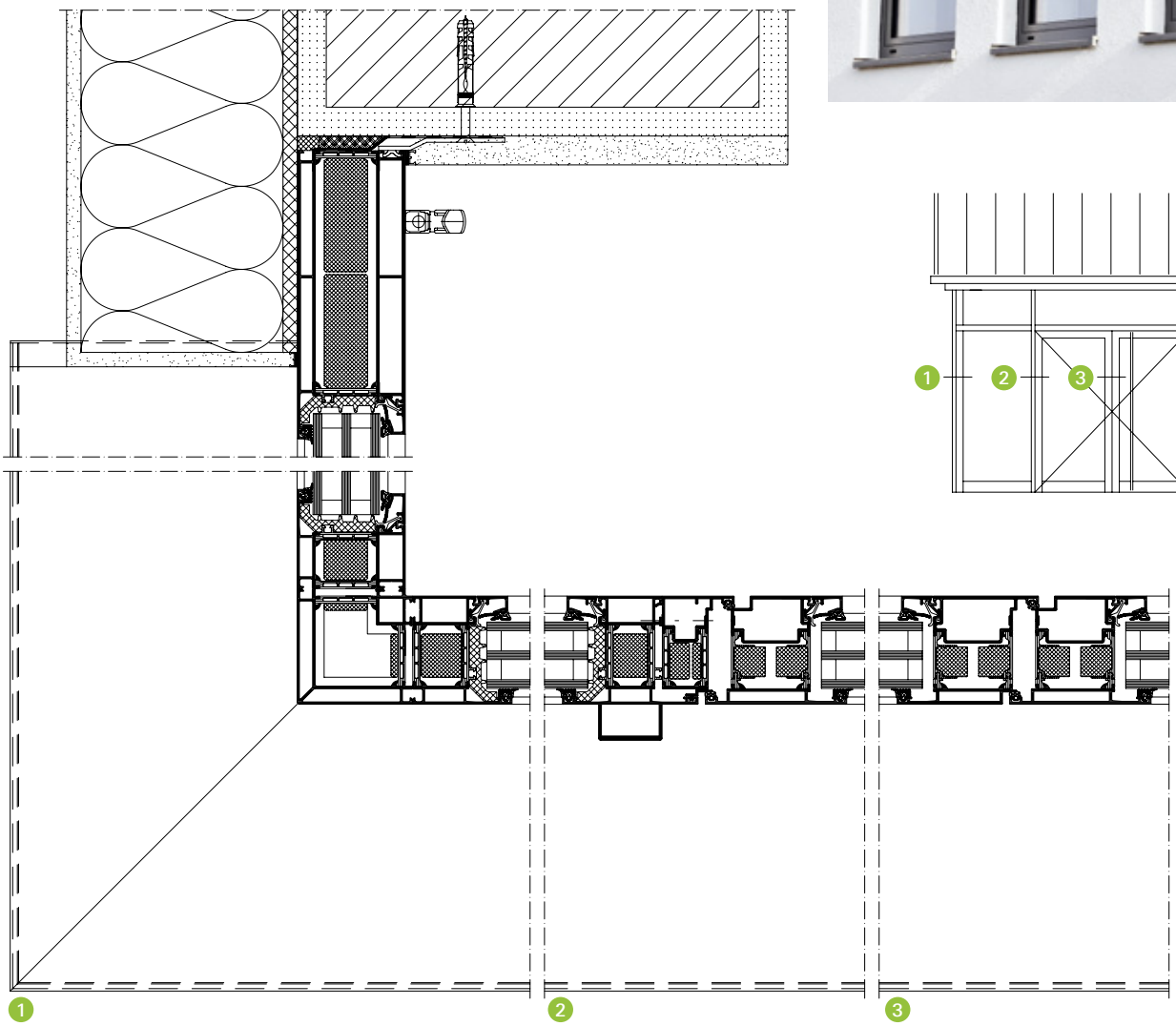


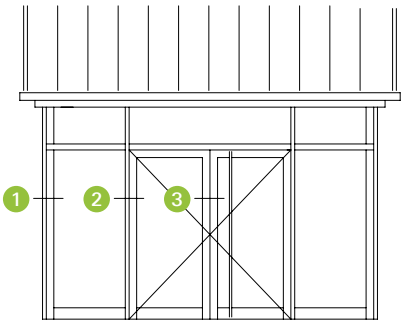
Maßstab 1:5
Scale 1:5

Objektbezeichnung
Alte Schule, energetische Modernisierung, Egling, Deutschland
Bauherr
Gemeinde Egling
Architekt und Gesamtplanung
kollmann kreativ, Augsburg
Ausführung
Regler Stahl- und Leichtmetallbau GmbH, Königsbrunn
Schüco System
Schüco Fenster AWS 75.SI,
Schüco Tür ADS 75 HD.HI

Project description
Old school, energy-efficient modernisation, Egling, Germany
Client
Egling local authority
Architect and overall design
kollmann kreativ, Augsburg
Construction
Regler Stahl- und Leichtmetallbau GmbH, Königsbrunn
Schüco system
Schüco Window AWS 75.SI,
Schüco Door ADS 75 HD.HI

Alte Schule, Egling, Deutschland
Old school, Egling, Germany





Maßstab 1:2
Scale 1:2

Grundlagen
Basic principles

Grundlagen
Basic principles

Grundlagen
Basic principles

38

40 Systemübersicht Fenster und Türen
System overview for windows and doors

56 Übersicht Fenstersysteme
Overview of window systems

58 Übersicht Türsysteme
Overview of door systems

Systemübersicht Fenster und Türen
System overview for windows and doors

Als Innovationsführer für systemgestütztes Bauen bietet Schüco zukunftsweisende Systemlösungen mit überzeugenden Vorteilen, die höchste Ansprüche an die Energiebilanz mit Automation, Sicherheit und Design verbinden.

As a leader in innovation for system-based construction, Schüco offers pioneering system solutions with outstanding benefits, which conform to the highest standards with regard to energy balance in conjunction with automation, security and design.

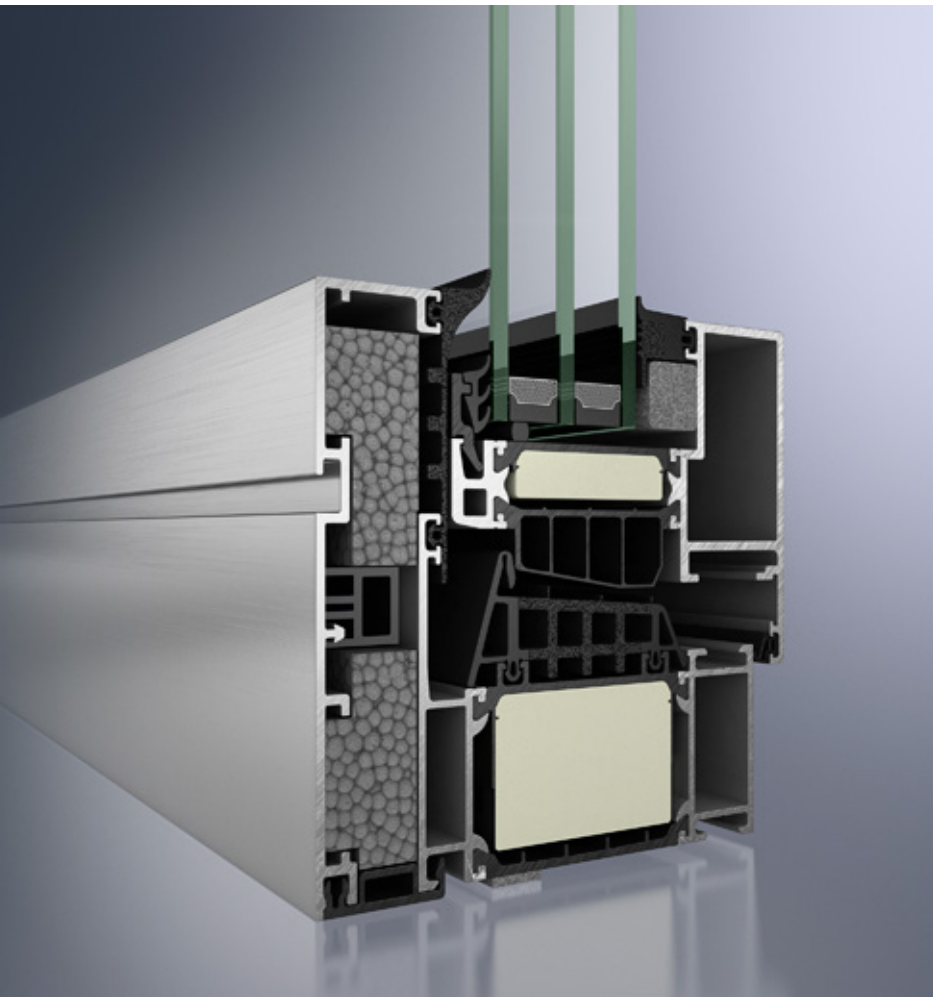
Schüco Fenster AWS – die vielseitige Fenstergeneration
Mit der Fenstergeneration Schüco AWS bündelt Schüco ein System für alle Anforderungen. Funktionelle Vorteile verbinden sich mit architektonischen und gestalterischen Aspekten. In aufeinander abgestimmten Bauteilen vereinen sich Vorzüge wie hohe Wärmedämmungen, schlanke Ansichtsbreiten, verdeckt liegende, klassisch manuelle oder integrierte mechatronische Beschläge. Darüber hinaus ist die Kompatibilität zum Schüco Türenprogramm ADS selbstverständlich.

Schüco AWS windows – the versatile generation of windows
With the Schüco AWS generation of windows, Schüco has created a system to meet all requirements. Functional benefits are combined with architectural and design features. Benefits such as high thermal insulation, narrow face widths, concealed, classic manual or integrated mechatronic fittings are combined in components that are tailored to one another. They are, of course, also compatible with the Schüco ADS range of doors.

Schüco Türen ADS – die Investition in die Zukunft
Die innovativen Schüco Türsysteme bieten Lösungen, die in puncto Energie, Sicherheit, Automation und Design neue Standards für eine moderne zukunftsorientierte Architektur setzen. Die Türsysteme Schüco ADS überzeugen durch exzellente Wärmedämmwerte und ein umfangreiches Systemprogramm zur Realisierung individueller Gestaltungsmöglichkeiten. Zu diesen zählen unter anderem verdeckt liegende Bänder und Ausführvarianten wie flächenbündige oder aufschlagende Türen. Erhältlich sind klemmfreie Türen und Türflügel mit flügelüberdeckender Füllung.

Schüco ADS doors – investing in the future
The innovative Schüco door systems are high quality solutions that set new standards in terms of energy, security, automation and design for modern architecture of the future. The Schüco ADS door systems offer excellent thermal insulation values and a comprehensive range of systems that allows the implementation of individual design solutions. These include concealed hinges and design options such as flush-fitted or face-fitted doors. Anti-finger-trap doors and door leaves with leaf-enclosing infill are also available.

Passivhaus-zertifiziertes Fenstersystem
Passive house-certified window system



Schüco Fenster AWS 112.IC
Schüco Window AWS 112.IC

Schüco Fenster AWS 112.IC
Das Aluminium-Fenstersystem Schüco AWS 112.IC (Insulation Cover) ist das Aluminiumfenster, das den strengen Passivhaus-Zertifizierungskriterien entspricht.
Es setzt auf das bewährte Prinzip aus dem Schüco AWS 90.SI+ Systembaukasten vereint mit passivhauszertifizierter Wärmedämmung und erreicht einen U_f-Wert von ≥ 0,71 W/(m²K). Trotz höchster Anforderung an die Wärmedämmung kann diese Fensterserie mit schmalsten Ansichten von nur 120 mm realisiert werden.

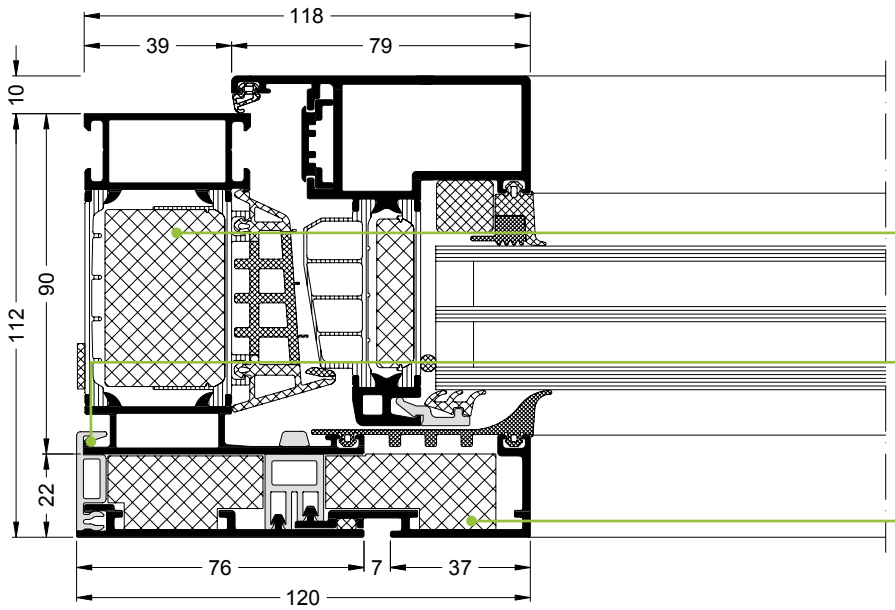
Schüco Window AWS 112.IC
The Schüco AWS 112.IC (Insulation Cover) aluminium window system is the aluminium window system which meets the stringent criteria of passive house certification. It is based on the proven principle, which combines the Schüco AWS 90.SI+ modular system and passive house certified thermal insulation, to achieve a U_f value of ≥ 0.71 W/(m²K). Despite the highest demands in terms of thermal insulation, this window series can be constructed with the narrowest face widths of only 120 mm.

ZERTIFIZIERTE KOMPONENTE
Passivhaus Institut

CERTIFIED COMPONENT
Passive House Institute

Technische Informationen
Technical information

Schüco System Schüco System	AWS 112.IC
Bautiefe Blendrahmen Basic depth of outer frame	112 mm
Wärmedämmung nach DIN EN ISO 10077-2 Thermal insulation in accordance with DIN EN ISO 10077-2	U_f ≥ 0,71 W/(m²K)
Schalldämmung nach DIN EN ISO 140-3 Sound insulation in accordance with DIN EN ISO 140-3	≤ 49 dB
Einbruchhemmung nach DIN EN 1627 (DIN V ENV 1627) Burglar resistance in accordance with DIN EN 1627 (DIN V ENV 1627)	Klasse Class RC 3 (WK3)
Luftdurchlässigkeit nach DIN EN 12207 Air permeability in accordance with DIN EN 12207	Klasse Class 4
Schlagregendichtheit nach DIN EN 12208 Watertightness in accordance with DIN EN 12208	Klasse Class 9a
Windlastwiderstand nach DIN EN 12210 Wind load resistance in accordance with DIN EN 12210	Klasse Class C5 / B5
Dauerfunktion nach DIN EN 12400 Resistance to repeated opening and closing in accordance with DIN EN 12400	Klasse Class 3
Mechanische Beanspruchung nach DIN EN 13115 Mechanical loading in accordance with DIN EN 13115	Klasse Class 4



Einzigartige Wärmedämmung für Aluminiumfenster mit einem U_f-Wert von ≥ 0,71 W/(m²K) gemäß Passivhauszertifizierungsstandards
Unique thermal insulation for aluminium windows with a U_f value of ≥ 0.71 W/(m²K) conforming to passive house certification standards

Wärmebrückenfreie Befestigung
Fixing with no thermal bridging

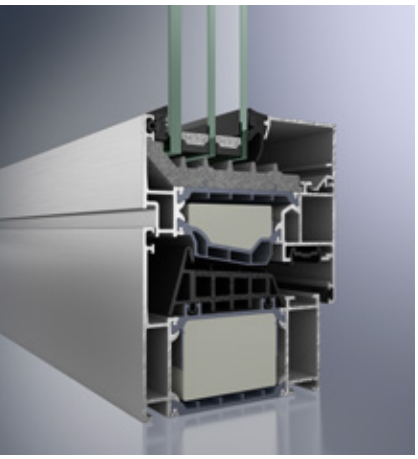
Optimierte Wärmedämmung durch isolierte Vorsatzschale
Insulated cover profile optimises thermal insulation

Maßstab 1:2
Scale 1:2

Eigenschaften und Vorteile	Features and benefits
▪ Wärmedämmung gemäß Passivhauszertifizierungsstandards	▪ Thermal insulation conforming to passive house certification standards
▪ Neues Flügelrahmendesign in Anlehnung an Blockdesign zur Realisierung schmaler Ansichtsbreiten in Kombination mit großen Glasflächen	▪ New vent frame design based on the block design to achieve narrow face widths combined with large areas of glass
▪ Systemspezifisch optimierte Isolation des Glasfalzbereiches durch Schaumdämmkeil	▪ System-specific optimised insulation of the glazing rebate area due to the foam insulating wedge
▪ Ideal geeignet für die Verwendung als Einsatzelement in höchstwärmegedämmten Fassaden	▪ Ideally suited for use as an insert unit in façades with maximum thermal insulation
▪ Mehrfarbige Profilgestaltung	▪ Profile design in more than one colour
▪ Verdeckt liegende Entwässerung	▪ Concealed drainage
▪ Einbruchhemmung bis RC 3 (WK3)	▪ Burglar resistance up to RC 3 (WK3)

Schüco Fenster AWS 90.SI+ Green
Schüco Window AWS 90.SI+ Green

Hochwärmedämmendes Aluminiumfenster auf Passivhausniveau mit nachwachsenden Rohstoffen
Highly thermally insulated aluminium windows to passive house standard with renewable raw materials



Schüco Fenster AWS 90.SI+ Green
Schüco Window AWS 90.SI+ Green

Gebäude verbrauchen rund 40 % der weltweit erzeugten Energie. Auch beim Ausstoß von Treibhausgasen sind Gebäude bei Herstellung und Nutzung die Hauptverursacher. Der Gebäudesektor bietet daher doppelt so viel CO_2-Einsparpotenzial wie der Verkehrssektor. Die Gesetzgebung reagiert hierauf mit strengeren Richtlinien für den Gebäudesektor. Bauherren sowie Architekten fordern deshalb neue, ökologisch sinnvolle Produkte.

Mit Schüco Fenster AWS 90.SI+ Green stellt Schüco eine neue Fenstergeneration vor, die durch die Verwendung zukunftsweisender, ökologischer Materialien eine Antwort auf diese Forderungen gibt. Für diese Fenstergeneration wird unter anderem Rizinusöl als eine bedeutende nachwachsende Rohstoffquelle in den Polyamid Isolierstegen eingesetzt.

Damit gelingt es Schüco als erstem Anbieter, ein serienfähiges, zugelassenes Aluminiumfenster mit signiikanten Anteilen an nachwachsenden Rohstoffen in den Kunststoffen auszustatten und fossile Rohstoffe teilweise zu substituieren.

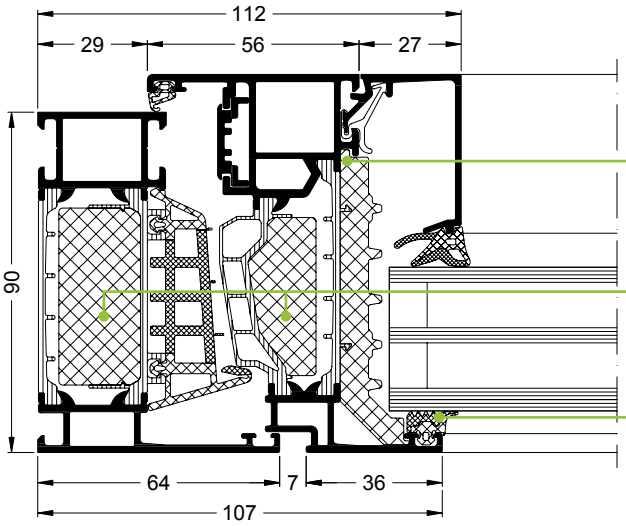
Buildings consume about 40 % of the energy generated worldwide. The construction and utilisation of buildings are also the main cause of greenhouse gas emissions. The building sector offers twice as much potential for cutting CO_2 emissions as the transport sector. Governments are responding with stricter regulations for the building sector. Clients and architects are therefore demanding new, ecologically sound products.

With the Schüco Window AWS 90.SI+ Green, Schüco is introducing a new generation of windows that fulfils these requirements by using pioneering, ecological materials. Among other materials, this generation of windows uses caster oil as a significant renewable resource for the polyamide insulating bars.

This has allowed Schüco to become the first supplier to offer a production-ready, approved aluminium window with a significant proportion of renewable raw materials in the plastics, and to partly substitute fossil-based raw materials.

Schüco System Schüco System	AWS 90.SI+ Green
Bautiefe Blendrahmen Basic depth of outer frame	90 mm
Wärmedämmung nach DIN EN ISO 10077-2 Thermal insulation in accordance with DIN EN ISO 10077-2	$U_f \geq 0{,}71$ W/(m²K)
Einbruchhemmung nach DIN EN 1627 (DIN V ENV 1627) Burglar resistance in accordance with DIN EN 1627 (DIN V ENV 1627)	Klasse Class RC 3 (WK3)
Luftdurchlässigkeit nach DIN EN 12207 Air permeability in accordance with DIN EN 12207	Klasse Class 4
Schlagregendichtheit nach DIN EN 12208 Watertightness in accordance with DIN EN 12208	Klasse Class 9A
Windlastwiderstand nach DIN EN 12210 Wind load resistance in accordance with DIN EN 12210	Klasse Class C5 / B5
Dauerfunktion nach DIN EN 12400 Resistance to repeated opening and closing in accordance with DIN EN 12400	Klasse Class 3
Mechanische Beanspruchung nach DIN EN 13115 Mechanical loading in accordance with DIN EN 13115	Klasse Class 4

SCHÜCO
BIOBASIERT 20 - 50 %
DIN Geprüft
Registernr. 8C037
Registration no. 8C037
Isolierstege/Schaum
>25% nachwachsender Rohstoff
Insulating bar/foam
>25% renewable resource



Neue Artikel
New articles

Isolierstege Polyamid Green
Green polyamide insulating bars

Isolierzone Schaum Polyurethane Green
Green polyurethane foam for insulation zone

Glasanlagedichtung EPDM Green
Green EPDM glazing rebate gasket

Maßstab 1:2
Scale 1:2

Eigenschaften und Vorteile

- Nachhaltige Fensterserie mit minimiertem CO_2-Potential in der Herstellungs- und Gebrauchsphase
- Isolierstege (Polyamid Green), Glasanlagedichtung und Isolierschäume der Isolierstege zu mindestens 20% biobasiert nach ASTM D 6866: 2008
- Aluminiumsystem mit sehr guter Recyclingfähigkeit
- Stegmaterialfarbe als Differenzierungsmerkmal: Schiefergrau ähnlich RAL 7015
- Höchstwärmedämmendes Aluminiumfenster auf Passivhausniveau mit einem U_f-Wert von 0,71 W/(m²K), U_w = 0,8 W/(m²K) mit 3-fach Verglasung (U_g = 0,6 W/(m²K), Kunststoff-Abstandshalter)
- Umfangreiches Profilsortiment wie bei Schüco Fenster AWS 90.SI+ Standard
- Mehrfarbige Profilgestaltung
- Verdeckt liegender Schüco AvanTec SimplySmart Systembeschlag sowie Flügelprofile für Schüco TipTronic
- Kompatibel mit den Türserien Schüco ADS 90.SI und Schüco ADS 90 PL.SI
- Einbruchhemmung bis RC 3 (WK3) nach DIN EN 1627 (DIN V ENV 1627)
- Glasfalzdämmung mit neuartigen zeitsparenden Eckstücken (Schüco SimplySmart)

Features and benefits

- Sustainable window series with reduced CO_2 emissions in the manufacturing and usage phase
- Insulating bars (Green polyamide), glazing rebate gasket and insulating foams of the insulating bars are at least 20% biobased in accordance with ASTM D 6866: 2008
- Aluminium system with very good recycling properties
- Colour of bar material as a differentiation characteristic: Slate grey similar to RAL 7015
- Highly thermally insulated aluminium window to passive house standard with a U_f value of 0.71 W/(m²K), U_w = 0.8 W/(m²K) with triple glazing (U_g = 0.6 W/(m²K), PVC-U spacer)
- Comprehensive profile range as for standard Schüco Window AWS 90.SI+
- Profile design in more than one colour is possible
- Concealed Schüco AvanTec SimplySmart system fitting and vent profiles for Schüco TipTronic
- Compatible with the Schüco ADS 90.SI and Schüco ADS 90 PL.SI door series
- Burglar resistance up to RC 3 (WK3) in accordance with DIN EN 1627 (DIN V ENV 1627)
- Glazing rebate insulation with new, time-saving end caps (Schüco SimplySmart)

Schüco Verbundfenster AWS 120 CC.SI
Schüco Composite Window AWS 120 CC.SI

Durch das hohe Maß an integrierbaren Komfort- und Klimafunktionen ist das optimierte Schüco Verbundfenster das richtige Komplettpaket für die Fenstermodernisierung auf Passivhausniveau

The high degree of integrated comfort and climate functions make the optimised Schüco composite window the correct complete package for the modernisation of windows to passive house standard

Integrierter Sonnenschutz
Integrated solar shading

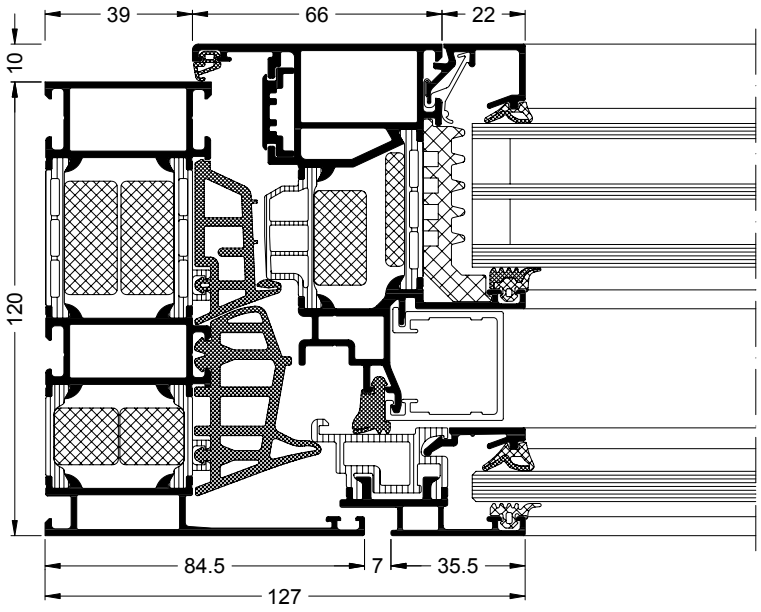
Ein wesentliches Argument für das Schüco Verbundfenster AWS 120 CC.SI (Composite Construction) ist neben der optimierten Energieeffizienz auf Passivhausniveau der integrierte Sonnenschutz ohne Witterungseinfluss. Die ideale Profilintegration der verdeckt liegenden Verbundjalousie erfüllt zusätzliche Designanforderungen.

Neben den hohen architektonischen Anforderungen wird das neue Verbundfenster auch einer einfachen Montage des Sonnenschutzes gerecht: Werkzeuglos, schnell und wärmebrückenfrei sind Attribute die sowohl den Auftraggeber als auch den Metallbaufachbetrieb überzeugen. Kombiniert mit dem Schüco Modernisierungsblendrahmen zur rationellen Fenstermodernisierung, einem integrierten Schüco Lüftungssystem sowie dem Schüco TipTronic Beschlag lassen sich durch eine bedarfsgerechte hybride Lüftung zusätzliche energetische Potenziale in Gebäuden erschließen.

A significant advantage of the Schüco AWS Composite Window 120 CC.SI (Composite Construction) is that in addition to optimised energy-efficiency to passive house standard, it has integrated solar shading which is not affected by the weather. The ideal profile integration of the concealed composite internal blinds fulfils additional design requirements.

In addition to the high architectural demands, the new composite window fulfills requirements for simple installation of solar shading. Contractors and metal fabricators alike are impressed by the lack of tools required for installation, the speed of installation and that there is no thermal bridging. Combined with the Schüco modernisation outer frames for efficient window modernisation, an integrated Schüco ventilation system and the Schüco TipTronic fitting can be used to exploit the additional energy potential in buildings using individual hybrid ventilation.

Schüco System Schüco System	AWS 120 CC.SI
Bautiefe Blendrahmen Basic depth of outer frame	120 mm
Wärmedämmung nach DIN EN ISO 10077-2 Thermal insulation in accordance with DIN EN ISO 10077-2	$U_f \geq 0{,}83$ W/(m²K)
Einbruchhemmung nach DIN EN 1627 (DIN V ENV 1627) Burglar resistance in accordance with DIN EN 1627 (DIN V ENV 1627)	Klasse Class RC 3 (WK3)
Luftdurchlässigkeit nach DIN EN 12207 Air permeability in accordance with DIN EN 12207	Klasse Class 4
Schlagregendichtheit nach DIN EN 12208 Watertightness in accordance with DIN EN 12208	Klasse Class 9a
Windlastwiderstand nach DIN EN 12210 Wind load resistance in accordance with DIN EN 12210	Klasse Class C5 / B5
Dauerfunktion nach DIN EN 12400 Resistance to repeated opening and closing in accordance with DIN EN 12400	Klasse Class 3
Mechanische Beanspruchung nach DIN EN 13115 Mechanical loading in accordance with DIN EN 13115	Klasse Class 4



Maßstab 1:2
Scale 1:2

Eigenschaften und Vorteile

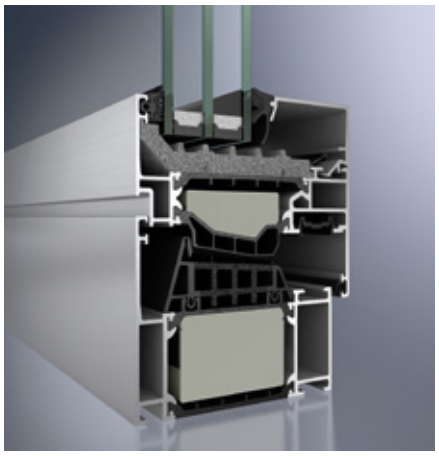
- Exzellente, skalierbare Wärmedämmung durch innovatives Isolationskonzept ab U_f = 0,83 W/(m²K)
- Höchster Schallschutz durch doppelte Mitteldichtungsebene und Mehrscheibenprinzip bis zu 53 dB (Schallschutzklasse 6)
- Verbesserte Kondensatreduktion durch optimierten Lüftungsquerschnitt zur kontrollierten Belüftung des Scheibenzwischenraumes
- Höchste Designansprüche durch flügelprofilintegrierte Schüco Verbundfensterjalousie CCB (Concealed Composite Blind) verbunden mit minimalster Außenansicht
- Reduzierter Wärmedurchgang durch wärmebrückenfreie Montage der Schüco Verbundjalousie
- Verdeckt liegende seitliche Spannseilführungen sowie integriertes Bodenprofil des Schüco Sonnenschutzes
- Äußerer Flügel mit Structural Glazing-Optik als Option
- Entwässerung am tiefsten Profilpunkt
- Verdeckt liegender Schüco AvanTec SimplySmart Systembeschlag sowie Flügelprofile für Schüco TipTronic
- Einbruchhemmung bis RC 3 (WK3)
- Glasstärken bis 50 mm im Flügel und bis 100 mm im Festfeld einsetzbar
- Mehrfarbige Profilgestaltung

Features and benefits

- Outstanding, scalable thermal insulation due to an innovative insulation concept with a U_f value from 0.83 W/(m²K)
- Highest sound reduction due to double centre gasket level and multi-pane principle up to 53 dB (insulation class 6)
- Improved reduction of condensation due to optimised ventilation cross section for controlled ventilation of the space between the panes
- Highest design quality due to the Schüco CCB (Concealed Composite Blind) being integrated into the vent profile, which means it is only visible to a minimal extent from the outside
- Reduced heat transfer due to installation of the Schüco composite Venetian blind with no thermal bridging
- Concealed side tensioning cord guides and integrated base profile for the Schüco solar shading
- Outer vent with structural glazing look also available
- Drainage at the lowest profile point
- Concealed Schüco AvanTec SimplySmart system fittings and vent profiles for Schüco TipTronic
- Burglar resistance to RC 3 (WK3)
- Glass thicknesses up to 50 mm can be used in vents and up to 100 mm in fixed lights
- Profile design in more than one colour

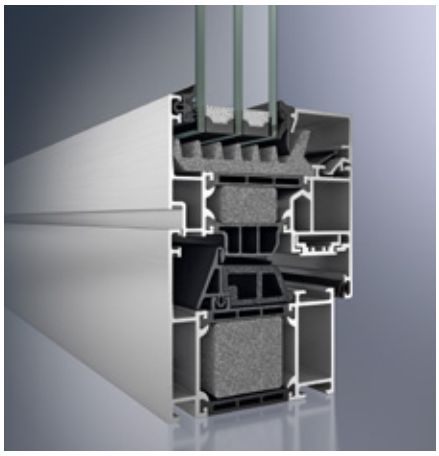
Standardsysteme
Standard systems

Standardsysteme für Fenster
Standard systems for windows



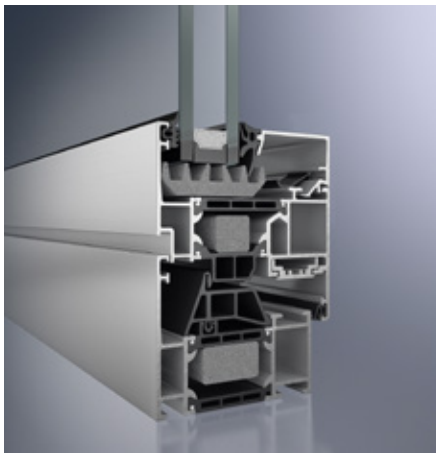
Schüco Fenster AWS 90.SI+/AWS 90.SI+ Green
Das erste Aluminiumfenster mit Wärmedämmung auf Passivhausniveau. Optional auch als „Green" mit nachwachsenden Rohstoffen. Es verbindet architektonische Vielfältigkeit und nachhaltiges Bauen zukunftsweisend mit dem Werkstoff Aluminium.

Schüco Window AWS 90.SI+/AWS 90.SI+ Green
The first aluminium window with thermal insulation to passive house standard. Also available in the "Green" version with renewable raw materials. It combines architectural versatility and sustainable building for the future with aluminium.



Schüco Fenster AWS 75.SI+
Das optimierte Aluminium-Fenstersystem verbindet zeitgemäße Wärmedämmung mit attraktivem und vielfältigem Design.

Schüco Window AWS 75.SI+
This optimised aluminium window system combines contemporary thermal insulation with attractive and versatile design.



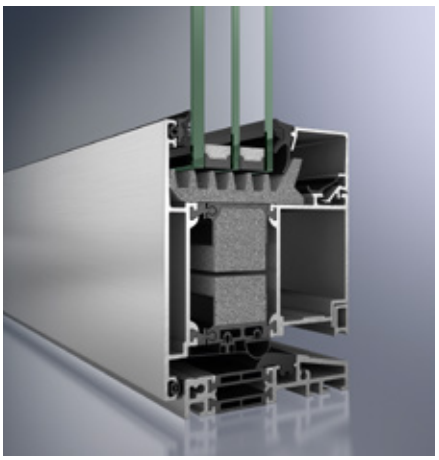
Schüco Fenster AWS 70.HI
Das hochwertige wärmegedämmte Fenstersystem mit vielfältigen Lösungsvarianten bei nur 70 mm Bautiefe.

Schüco Window AWS 70.HI
The high quality thermally insulated window system with a diverse range of solutions with a basic depth of just 70 mm.

Technische Informationen
Technical information

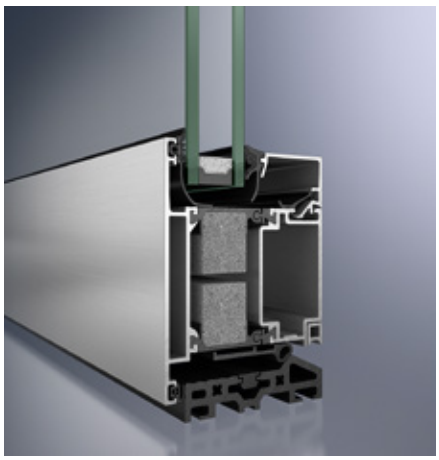
Schüco System Schüco System	AWS 90.SI+	AWS 75.SI+	AWS 70.HI
Bautiefe Blendrahmen Basic depth of outer frame	90 mm	75 mm	70 mm
Wärmedämmung nach DIN EN ISO 10077-2 Thermal insulation in accordance with DIN EN ISO 10077-2	$U_f \geq 0{,}71$ W/(m²K)	$U_f \geq 0{,}92$ W/(m²K)	$U_f \geq 1{,}5$ W/(m²K)
Schalldämmung nach DIN EN ISO 140-3 Sound insulation in accordance with DIN EN ISO 140-3	≤ 47 dB	≤ 48 dB	≤ 48 dB
Einbruchhemmung nach DIN EN 1627 (DIN V ENV 1627) Burglar resistance in accordance with DIN EN 1627 (DIN V ENV 1627)	Klasse Class RC 3 (WK3)	Klasse Class RC 3 (WK3)	Klasse Class RC 3 (WK3)
Luftdurchlässigkeit nach DIN EN 12207 Air permeability in accordance with DIN EN 12207	Klasse Class 4	Klasse Class 4	Klasse Class 4
Schlagregendichtheit nach DIN EN 12208 Watertightness in accordance with DIN EN 12208	Klasse Class 9a	Klasse Class 9a	Klasse Class 9a
Windlastwiderstand nach DIN EN 12210 Wind load resistance in accordance with DIN EN 12210	Klasse Class C5 / B5	Klasse Class C5 / B5	Klasse Class C5 / B5
Dauerfunktion nach DIN EN 12400 Resistance to repeated opening and closing in accordance with DIN EN 12400	Klasse Class 4	Klasse Class 4	Klasse Class 4
Mechanische Beanspruchung nach DIN EN 13115 Mechanical loading in accordance with DIN EN 13115	Klasse Class 3	Klasse Class 3	Klasse Class 3

Standardsysteme für Türen
Standard systems for doors



Schüco Tür ADS 90.SI
Die neue Türserie, die Höchstleistungen für Wohn- und Objektgebäude bezogen auf zukünftige Energieeffizienzstandards bietet. Auf Basis der Premiumhaustür Schüco ADS 90 PL.SI wird sie verstärkt den Anforderungen des Nicht-Wohnungsbaus gerecht.

Schüco Door ADS 90.SI
The new door series offering high performance for residential and commercial buildings, aimed at the energy efficiency standards of the future. Based on the Schüco ADS 90 PL.SI premium entrance door, it is better able to fulfil the requirements of non-residential buildings.



Schüco Tür ADS 75.SI
Die Referenz für wärmegedämmte Aluminiumtüren. Bei nur 75 mm Grundbautiefe bietet diese Serie vielfältige Gestaltungsmöglichkeiten.

Schüco Door ADS 75.SI
The reference project for thermally insulated aluminium doors. With a basic depth of only 75 mm, this series offers a wide range of design options.

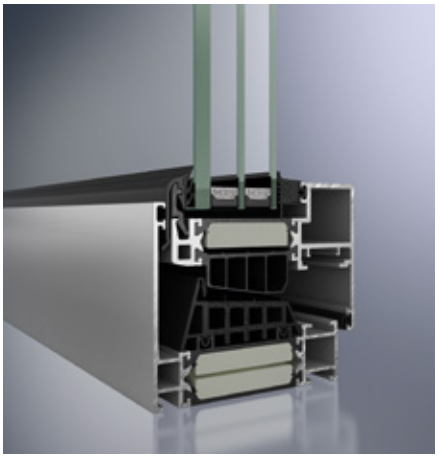
Schüco Tür ADS 75 HD.HI
Das wärmegedämmte Türsystem ist gut geeignet für den Einsatz im Objektbereich und bietet Stabilität bei hoher Frequentierung und großen Öffnungsweiten.

Schüco Door ADS 75 HD.HI
This thermally insulated door system is suitable for use in large projects and offers large opening widths and durability even with heavy use.

Technische Informationen
Technical information

Schüco System Schüco System	ADS 90.SI	ADS 75.SI	ADS 75 HD.HI
Bautiefe Blendrahmen Basic depth of outer frame	90 mm	75 mm	75 mm
Wärmedämmung nach DIN EN ISO 10077-2 Thermal insulation in accordance with DIN EN ISO 10077-2	$U_f \geq 1{,}2$ W/(m²K)	$U_f \geq 1{,}4$ W/(m²K)	$U_f \geq 1{,}4$ W/(m²K)
Einbruchhemmung nach DIN EN 1627 (DIN V ENV 1627) Burglar resistance in accordance with DIN EN 1627 (DIN V ENV 1627)	Klasse Class RC 3 (WK3)	Klasse Class RC 3 (WK3)	Klasse Class RC 3 (WK3)
Luftdurchlässigkeit nach DIN EN 12207 Air permeability in accordance with DIN EN 12207	Klasse Class 4	Klasse Class 2	Klasse Class 2
Schlagregendichtheit nach DIN EN 12208 Watertightness in accordance with DIN EN 12208	Klasse Class E750	Klasse Class 5A	Klasse Class 5A
Windlastwiderstand nach DIN EN 12210 Wind load resistance in accordance with DIN EN 12210	Klasse Class C4	Klasse Class C3	Klasse Class C3
Dauerfunktion nach DIN EN 12400 Resistance to repeated opening and closing in accordance with DIN EN 12400	Klasse Class 6	Klasse Class 5	Klasse Class 6
Mechanische Beanspruchung nach DIN EN 13115 Mechanical loading in accordance with DIN EN 13115	Klasse Class 3	Klasse Class 3	Klasse Class 3

Blockserien für Fenster und Fensterfassaden
Block series for windows and Window façades

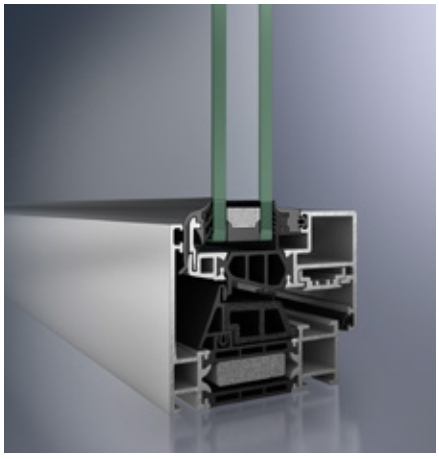


Schüco Fenster AWS 90 BS.SI+
Blockserie für höchste Wärmedämmung auf Passivhausniveau vereint mit äußerst schmalen Ansichten ab 77 mm und verdeckt liegendem Flügel

Schüco Window AWS 90 BS.SI+
Block series for the highest level of thermal insulation to passive house standard, with extremely narrow face widths from 77 mm and a concealed vent.

Schüco Fenster AWS 75 BS.SI+
Für hohe Wärmeschutzanforderungen in einer Blockkonstruktion. Mit schmalen Ansichten und verdeckt liegendem Flügel.

Schüco Window AWS 75 BS.SI+
For high thermal insulation requirements in a block window construction. With narrow face widths and concealed vent.

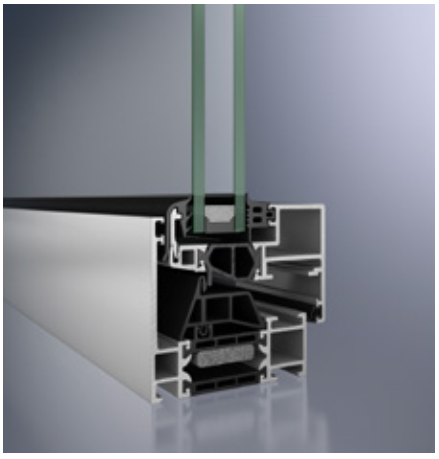


Schüco Fenster AWS 75 BS.HI+
Der Wärmedämmstandard bei Blocksystemen mit äußerst schmalen Ansichtsbreiten und verdeckt liegendem Flügel.

Schüco Window AWS 75 BS.HI+
The thermal insulation standard for block systems with extremely narrow face widths and concealed vent.

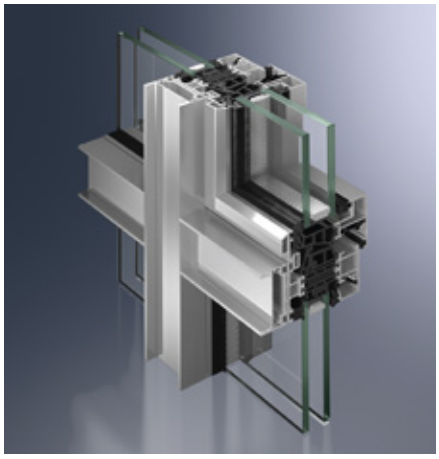
Technische Informationen
Technical information

Schüco System Schüco System	AWS 90 BS.SI+	AWS 75 BS.SI+	AWS 75 BS.HI+
Bautiefe Blendrahmen Basic depth of outer frame	90 mm	75 mm	75 mm
Wärmedämmung nach DIN EN ISO 10077-2 Thermal insulation in accordance with DIN EN ISO 10077-2	$U_f \geq 0{,}8$ W/(m²K)	$U_f \geq 1{,}3$ W/(m²K)	$U_f \geq 1{,}4$ W/(m²K)
Schalldämmung nach DIN EN ISO 140-3 Sound insulation in accordance with DIN EN ISO 140-3	Auf Anfrage On request	≤ 45 dB	≤ 49 dB
Einbruchhemmung nach DIN EN 1627 (DIN V ENV 1627) Burglar resistance in accordance with DIN EN 1627 (DIN V ENV 1627)	Klasse Class RC 2 (WK2)	Klasse Class RC 2 (WK2)	Klasse Class RC 3 (WK3)
Luftdurchlässigkeit nach DIN EN 12207 Air permeability in accordance with DIN EN 12207	Klasse Class 4	Klasse Class 4	Klasse Class 4
Schlagregendichtheit nach DIN EN 12208 Watertightness in accordance with DIN EN 12208	Klasse Class 9a	Klasse Class 9a	Klasse Class 9a
Windlastwiderstand nach DIN EN 12210 Wind load resistance in accordance with DIN EN 12210	Klasse Class C5 / B5	Klasse Class C5 / B5	Klasse Class C5 / B5
Dauerfunktion nach DIN EN 12400 Resistance to repeated opening and closing in accordance with DIN EN 12400	Klasse Class 3	Klasse Class 3	Klasse Class 3
Mechanische Beanspruchung nach DIN EN 13115 Mechanical loading in accordance with DIN EN 13115	Klasse Class 4	Klasse Class 4	Klasse Class 4



Schüco Fenster AWS 70 BS.HI
Schmale Blockkonstruktion für hohe optische Ansprüche mit guter Wärmedämmung bei einer Grundbautiefe von 70 mm.

Schüco Window AWS 70 BS.HI
Slimline block construction for a high quality appearance with good thermal insulation and a basic depth of 70 mm.



Schüco Fenster AWS 75 WF.SI+
Das Fensterfassadensystem mit optimierter Wärmedämmung und schmalen äußeren Ansichten. Große Gestaltungsmöglichkeiten durch umfangreiches Profilsortiment und Deckschalenvarianten realisierbar.

Schüco Window AWS 75 WF.SI+
The window façade system with optimised thermal insulation and narrow external face widths. A comprehensive selection of profiles and cover caps provides a broad range of design options.

Schüco Fenster AWS 70 WF.HI
Das perfekte Fensterfassadensystem für schmale Ansichten mit großen Gestaltungsmöglichkeiten durch umfangreiches Profilsortiment und Deckschalenvarianten.

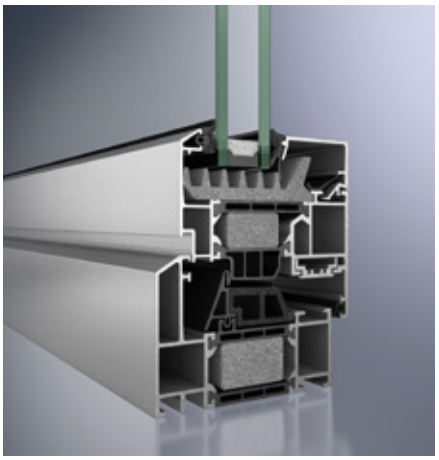
Schüco Window AWS 70 WF.HI
The extensive range of profiles and cover caps make this the perfect window façade system for narrow sight lines, with a wide variety of design options.

Technische Informationen
Technical information

Schüco System Schüco System	AWS 70 BS.HI	AWS 75 WF.SI+	AWS 70 WF.HI
Bautiefe Blendrahmen Basic depth of outer frame	70 mm	75 mm	70 mm
Wärmedämmung nach DIN EN ISO 10077-2 Thermal insulation in accordance with DIN EN ISO 10077-2	$U_f \geq 1{,}4$ W/(m²K)	$U_f \geq 1{,}3$ W/(m²K)	$U_f \geq 1{,}9$ W/(m²K)
Schalldämmung nach DIN EN ISO 140-3 Sound insulation in accordance with DIN EN ISO 140-3	≤ 45 dB	≤ 44 dB	≤ 45 dB
Einbruchhemmung nach DIN EN 1627 (DIN V ENV 1627) Burglar resistance in accordance with DIN EN 1627 (DIN V ENV 1627)	Klasse Class RC 3 (WK3)	Basis Basic	Klasse Class WK1
Luftdurchlässigkeit nach DIN EN 12207 Air permeability in accordance with DIN EN 12207	Klasse Class 4	Klasse Class 4	Klasse Class 4
Schlagregendichtheit nach DIN EN 12208 Watertightness in accordance with DIN EN 12208	Klasse Class 9a	Klasse Class 9a	Klasse Class 9a
Windlastwiderstand nach DIN EN 12210 Wind load resistance in accordance with DIN EN 12210	Klasse Class C5 / B5	Klasse Class C2 / B3	Klasse Class C2 / B3
Dauerfunktion nach DIN EN 12400 Resistance to repeated opening and closing in accordance with DIN EN 12400	Klasse Class 3	Klasse Class 4	Klasse Class 4
Mechanische Beanspruchung nach DIN EN 13115 Mechanical loading in accordance with DIN EN 13115	Klasse Class 4	Klasse Class 3	Klasse Class 3

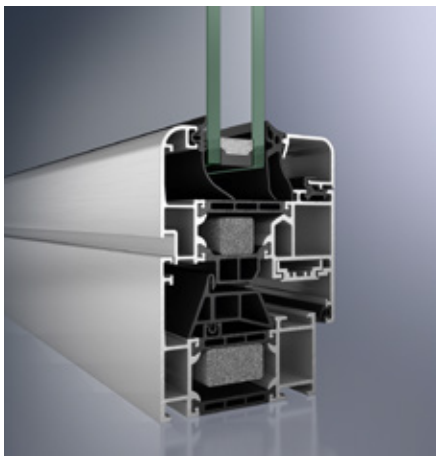
Gestaltungsserien für Fenster und Türen
Design series for windows and doors

Gestaltungsserien für Fenster
Design series for windows



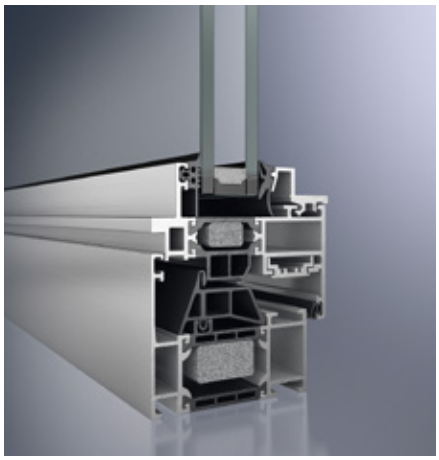
Schüco Fenster AWS 75 RL.SI+
Optimiertes hochwärmegedämmtes Fenstersystem mit abgeschrägter Außenkontur (Residential Line) für besondere architektonische Lösungen in Renovierung und Gestaltung.

Schüco Window AWS 75 RL.SI+
Optimised, highly thermally insulated window system with bevelled external contour (Residential Line) for special architectural renovation and design solutions.



Schüco Fenster AWS 70 SL.HI
Wärmegedämmtes Fenstersystem mit abgerundeter Kontur (Soft Line), das mit einer weichen Linienführung optisch sehr harmonische Lösungen bietet.

Schüco Window AWS 70 SL.HI
Thermally insulated window system with rounded contour (Soft Line) for visually seamless solutions.



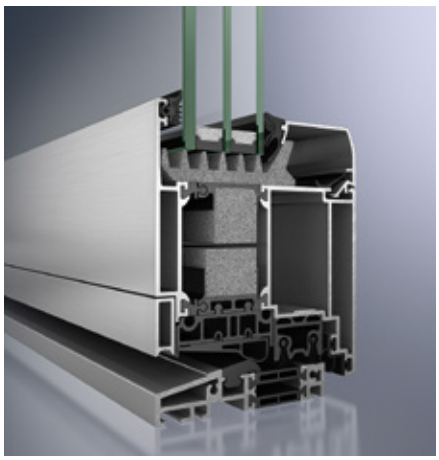
Schüco Fenster AWS 70 ST.HI
Wärmegedämmtes Fenstersystem mit schmaler Stahlkontur (Steel Contour) zur Betonung eines klassisch-handwerklichen Charakters. Besonders geeignet bei Renovierung bestehender Stahlfenster.

Schüco Window AWS 70 ST.HI
Thermally insulated window system with narrow steel contour to emphasise a classic, handcrafted character. Particularly suitable when renovating existing steel windows.

Technische Informationen
Technical information

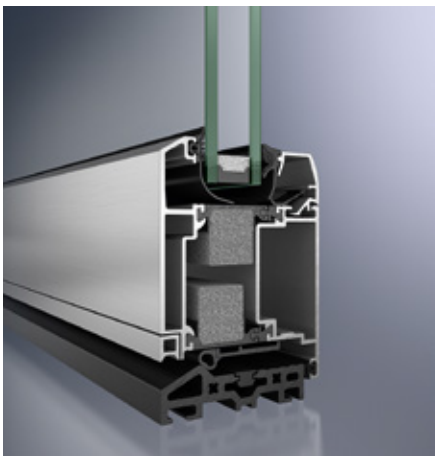
Schüco System Schüco System	AWS 75 RL.SI+	AWS 70 SL.HI	AWS 70 ST.HI
Bautiefe Blendrahmen Basic depth of outer frame	75 mm	70 mm	70 mm
Wärmedämmung nach DIN EN ISO 10077-2 Thermal insulation in accordance with DIN EN ISO 10077-2	$U_f \geq 0{,}9$ W/(m²K)	$U_f \geq 1{,}6$ W/(m²K)	$U_f \geq 1{,}6$ W/(m²K)
Schalldämmung nach DIN EN ISO 140-3 Sound insulation in accordance with DIN EN ISO 140-3	≤ 47 dB	≤ 48 dB	≤ 37 dB
Einbruchhemmung nach DIN EN 1627 (DIN V ENV 1627) Burglar resistance in accordance with DIN EN 1627 (DIN V ENV 1627)	Klasse Class RC 3 (WK3)	Klasse Class RC 3 (WK3)	Klasse Class WK1
Luftdurchlässigkeit nach DIN EN 12207 Air permeability in accordance with DIN EN 12207	Klasse Class 4	Klasse Class 4	Klasse Class 4
Schlagregendichtheit nach DIN EN 12208 Watertightness in accordance with DIN EN 12208	Klasse Class 9a	Klasse Class 9a	Klasse Class 9a
Windlastwiderstand nach DIN EN 12210 Wind load resistance in accordance with DIN EN 12210	Klasse Class C5 / B5	Klasse Class C5 / B5	Klasse Class C5 / B5
Dauerfunktion nach DIN EN 12400 Resistance to repeated opening and closing in accordance with DIN EN 12400	Klasse Class 3	Klasse Class 3	Klasse Class 3
Mechanische Beanspruchung nach DIN EN 13115 Mechanical loading in accordance with DIN EN 13115	Klasse Class 4	Klasse Class 4	Klasse Class 4

Gestaltungsserien für Türen
Design series for doors



Schüco Tür ADS 90 PL SL.SI
Hochwärmegedämmtes Premiumtürsystem mit elegant abgerundeter Kontur im Blendrahmen und der Glasleiste mit optimierter Konstruktion für das Haustürengeschäft.

Schüco Door ADS 90 PL SL.SI
Highly thermally insulated premium door system with an elegantly rounded outer frame contour and a glazing bead with an optimised design for entrance doors.



Schüco Tür ADS 75 RL.SI
Türsystem mit hervorragender Wärmedämmung und abgeschrägter Außenkontur (Residential Line) geeignet für die Althaussanierung.

Schüco Door ADS 75 RL.SI
Door system with excellent thermal insulation and bevelled external contour (Residential Line), suitable for the renovation of old buildings.

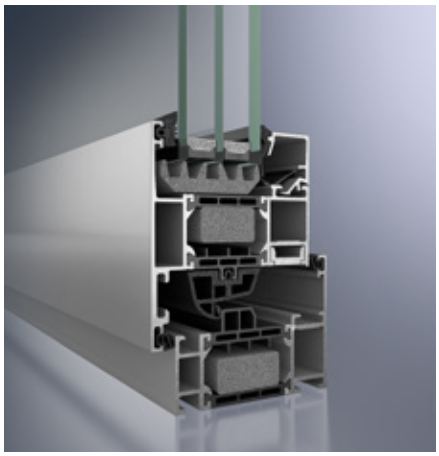
Schüco Tür ADS 75 SL.SI
Türsystem mit hervorragender Wärmedämmung und abgerundeter Kontur (Soft Line) für eine weiche Linienführung.

Schüco Door ADS 75 SL.SI
Door system with excellent thermal insulation and rounded contour (Soft Line).

Technische Informationen
Technical information

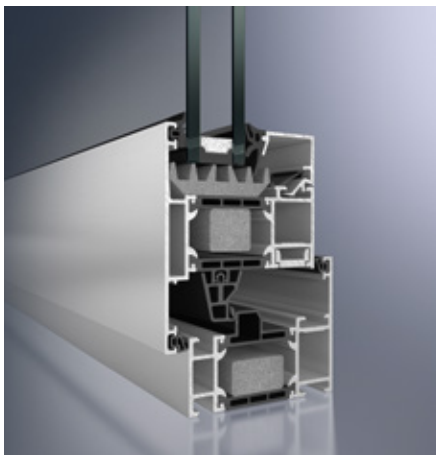
Schüco System Schüco System	ADS 90 PL SL.SI	ADS 75 RL.SI	ADS 75 SL.SI
Bautiefe Blendrahmen Basic depth of outer frame	90 mm	75 mm	75 mm
Wärmedämmung nach DIN EN ISO 10077-2 Thermal insulation in accordance with DIN EN ISO 10077-2	$U_f \geq 1{,}4$ W/(m²K)	$U_f \geq 1{,}7$ W/(m²K)	$U_f \geq 1{,}$ W/(m²K)
Einbruchhemmung nach DIN EN 1627 (DIN V ENV 1627) Burglar resistance in accordance with DIN EN 1627 (DIN V ENV 1627)	RC 2 (WK2)	RC 3 (WK3)	RC 3 (WK3)
Luftdurchlässigkeit nach DIN EN 12207 Air permeability in accordance with DIN EN 12207	Klasse Class 4	Klasse Class 2	Klasse Class 2
Schlagregendichtheit nach DIN EN 12208 Watertightness in accordance with DIN EN 12208	Klasse Class 7A	Klasse Class 5A	Klasse Class 5A
Windlastwiderstand nach DIN EN 12210 Wind load resistance in accordance with DIN EN 12210	Klasse Class C5	Klasse Class 5	Klasse Class 5
Dauerfunktion nach DIN EN 12400 Resistance to repeated opening and closing in accordance with DIN EN 12400	Klasse Class 6	Klasse Class 6	Klasse Class 6
Mechanische Beanspruchung nach DIN EN 13115 Mechanical loading in accordance with DIN EN 13115	Klasse Class 3	Klasse Class 3	Klasse Class 3

Außen öffnende Fenstersysteme
Outward-opening window systems



Schüco Fenster AWS 75.SI+, außen öffnend
Hochisoliertes Fenstersystem als neuer Wärmedämmstandard unter den außen öffnenden Fensterserien.

Schüco Window AWS 75.SI+, outward-opening
Highly insulated window system as the new thermal insulation standard for the outward-opening window series.



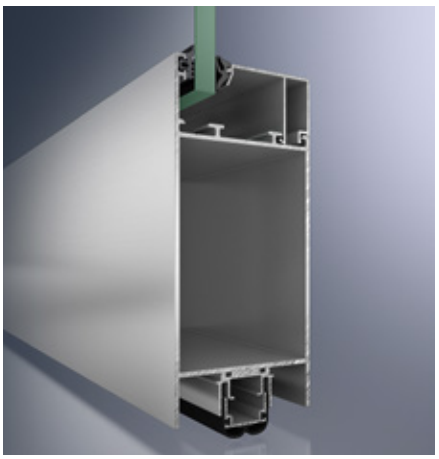
Schüco Fenster AWS 70.HI, außen öffnend
Nach außen öffnendes Fenstersystem mit guter Wärmedämmung bei 70 mm Bautiefe.

Schüco Window AWS 70.HI, outward-opening
Outward-opening window system with excellent thermal insulation and a basic depth of 70 mm.

Ungedämmte Systeme für Innenausbau
Non-insulated systems for interiors

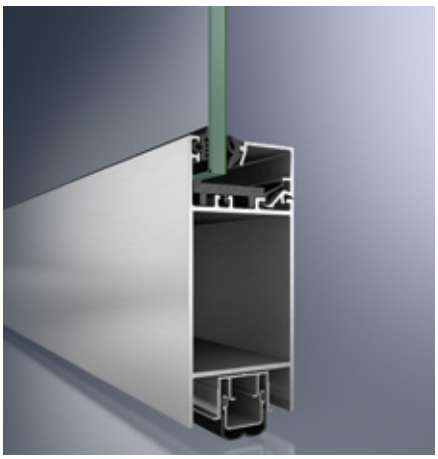
Schüco Fenster AWS 50.NI
Ungedämmtes Fenstersystem mit 50 mm Bautiefe für den Innenausbau, welches qualitativ hochwertige, sichere und wirtschaftliche Lösungen erlaubt. Gleichzeitig bietet es eine hohe Kompatibilität in Funktionalität und Design mit zahlreichen Schüco Systemen.

Schüco Window AWS 50.NI
Non-insulated window system with 50 mm basic depth for interiors, which allows high quality, secure and economical solutions. In functionality and design it is also highly compatible with a wide range of Schüco systems.



Schüco Tür ADS 65.NI
Ungedämmtes Türsystem mit einer Bautiefe von 65 mm für den Innenausbau mit Multifunktionsnut zur schnellen, klemmbaren Befestigung der Beschläge mit Drehnutenstein. Es ist optisch kompatibel mit der Rauchschutzserie Schüco ADS 65.NI SP.

Schüco Door ADS 65.NI
Non-insulated door system with a basic d epth of 65 mm for interiors, and a multi-purpose groove for rapid, push-in fixing of fittings using locking cams. It is visually compatible with the Schüco ADS 65.NI SP smoke protection series.



Schüco Tür ADS 50.NI
Ungedämmtes Türsystem mit 50 mm Bautiefe für den Innenausbau mit hoher Kompatibilität in Funktionalität und Design mit zahlreichen Schüco Systemen.

Schüco Door ADS 50.NI
Non-insulated door system with 50 mm basic depth for interiors; highly compatible with a wide range of Schüco systems in terms of functionality and design.

Übersicht Fenstersysteme
Overview of window systems

	Schüco AWS 112.IC	Schüco AWS 90.SI+/ Green	Schüco AWS 90 BS.SI+	Schüco AWS 75.SI+	Schüco AWS 75 BS.SI+	Schüco AWS 75 WF.SI+	Schüco AWS 75 BS.HI+	Schüco AWS 70.HI	Schüco AWS 70 BS.HI	Schüco AWS 70 WF.HI	Schüco AWS 65	Schüco AWS 65 BS	Schüco AWS 65 WF	Schüco AWS 60	Schüco AWS 60.HI	Schüco AWS 60 BS	Schüco AWS 50	Schüco AWS 50.NI	Schüco AWS 120 CC.SI
Energy Energy																			
Ungedämmt Non-insulated																		■	
Wärmegedämmt Thermally insulated											■	■	■	■		■	■		
Hochwärmegedämmt Highly thermally insulated				■	■	■	■	■	■	■					■				
Passivhaus geeignet To passive house standard	■	■	■																■
U_f-Wert in W/(m²K) ≥ U_f value in W/(m²K) ≥	0,71	0,71	0,8	0,92	1,3	1,3	1,4	1,5	1,4	1,9	1,9	2,0	2,6	1,9	1,7	2,1	2,5		0,83
Bewertetes Schalldämmmaß R_w in dB Weighted sound reduction index R_w in dB	47	47	*	48	49	45	49	49	45	45	47	44	44	45	45	43			53
Design Design																			
Bautiefe Blendrahmen in mm Basic depth of outer frame in mm	112	90	90	75	75	75	75	75	70	70	65	65	65	60	60	60	50	50	120
Beschlag Fittings																			
Schüco AvanTec, verdeckt liegend Schüco AvanTec, concealed	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Schüco TipTronic, verdeckt liegend Schüco TipTronic, concealed	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■	■
Gestaltungsvarianten Design options																			
ST (Steel Contour) ST (Steel Contour)								■											
RL (Residential Line) RL (Residential Line)				■				■			■			■			■		
SL (Softline) SL (Softline)				■				■			■			■			■		
MC (Multi Contour) MC (Multi Contour)											■			■	■				
BS (Block System) BS (Block System)			■		■		■		■			■				■			
WF (Window Façade) WF (Window Façade)						■				■			■					■	
Einsatzbereiche Areas of use																			
Fassadeneinsatzelement Façade insert unit	■	■	■	■	■		■	■	■		■	■		■	■	■	■	■	
Fensterfassade Window façade						■				■			■						
Schwimmendes Fenster Floating window					■		■		■			■				■			
Verbundfenster Composite window																			■
Kompatibles Türsystem ADS Compatible ADS door system	■	■		■				■			■						■		
Schüco AvanTec SimplySmart Schüco AvanTec SimplySmart																			
Dreh- (D), Dreh-Kipp- (DK), Kipp (K), Kipp vor Drehflügel (KvD) Side-hung (SH), turn/tilt (TT), bottom-hung (BH), tilt-before-turn vent (TbT)	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Stulpflügel Double vent		■	■	■	■		■	■	■		■	■		■	■	■	■	■	■
Kurbel-Dreh-Kippflügel Crank-operated turn/tilt vent								■											

	Schüco AWS 112.IC	Schüco AWS 90.SI+/ Green	Schüco AWS 90 BS.SI+	Schüco AWS 75.SI+	Schüco AWS 75 BS.SI+	Schüco AWS 75 WF.SI+	Schüco AWS 75 BS.HI+	Schüco AWS 70.HI	Schüco AWS 70 BS.HI	Schüco AWS 70 WF.HI	Schüco AWS 65	Schüco AWS 65 BS	Schüco AWS 65 WF	Schüco AWS 60	Schüco AWS 60.HI	Schüco AWS 60 BS	Schüco AWS 50	Schüco AWS 50.NI	Schüco AWS 120 CC.SI
Design Design																			
Parallel-Abstell-Schiebe-Kippflügel Tilt/slide vent		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
Oberlichtkippflügel Bottom-hung toplight		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
Nach außen öffnend **Outward-opening**																	■		
Dreh-, Klappflügel Side-hung, top-hung vent								■			■		■	■	■		■	■	
Schwing- und Wendeflügel Horizontal and vertical pivot vents				■				■			■			■	■		■	■	
Security Security																			
Einbruchhemmung nach DIN EN 1627 (DIN V ENV 1627) **Burglar resistance in accordance with DIN EN 1627 (DIN V ENV 1627)**																			
Schüco AvanTec WK1 Schüco AvanTec WK1	■	■	■	■			■	■	■		■	■		■	■		■	■	■
Schüco AvanTec RC 2 (WK2) Schüco AvanTec RC 2 (WK2)	■	■	■	■	■	■	■	■	■		■	■		■	■				■
Schüco AvanTec RC 3 (WK3) Schüco AvanTec RC 3 (WK3)	■	■	■	■			■	■	■		■	■							■
Schüco TipTronic WK1 Schüco TipTronic WK1	■	■	■	■			■	■	■	■	■	■	■	■	■			■	■
Schüco TipTronic RC 2 (WK2) Schüco TipTronic RC 2 (WK2)	■	■	■	■			■	■	■	■	■	■	■	■	■			■	■
Öffnungs- und Verschlussüberwachung, Anzeige **Monitoring of opening and closing, display**	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Automation Automation																			
Schüco TipTronic **Schüco TipTronic**																			
Dreh-Kippbeschlag Turn/tilt fittings	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■				■
Oberlicht Toplight	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■				■
Lüftungsflügel Ventilation vent	■	■	■	■	■	■	■	■	■	■	■	■	■						
Schwing- und Wendeflügel Horizontal and vertical pivot vents								■			■								
Nach außen öffnend Outward-opening								■			■								
Gruppensteuerung, Bus-Automation **Group control, bus automation**		■	■	■	■	■	■	■	■	■	■	■	■	■	■				■
Automatische Nachtauskühlung, automatisches Lüften **Automatic night-time cooling, automatic ventilation**		■	■	■	■	■	■	■	■	■	■	■	■	■	■				■

* Auf Anfrage
On request

Übersicht Türsysteme
Overview of door systems

	Schüco ADS 90.SI	Schüco ADS 90 PL.SI	Schüco ADS 75.SI	Schüco ADS 75 HD.HI	Schüco ADS 70.HI	Schüco ADS 70 HD	Schüco ADS 65	Schüco ADS 65 HD	Schüco ADS 65.NI	Schüco ADS 60	Schüco ADS 50	Schüco ADS 50.NI
Energy Energy												
Ungedämmt Non-insulated									■			■
Wärmegedämmt Thermally insulated						■	■	■		■	■	
Hochwärmegedämmt Highly thermally insulated	■	■	■	■	■							
U_f-Wert in W/(m²K) [1] ≥ U_f value in W/(m²K) [1] ≥	1,2	1,2	1,4	1,4	1,6	1,6	2,2	2,2		2,4	3,3	
Design Design												
Bautiefe Blendrahmen in mm Basic depth of outer frame in mm	90	90	75	75	70	70	65	65	65	60	50	50
Flügelgrößen **Leaf sizes**												
Breite in mm Width in mm	1400	1400	1250	1400	1250	1400	1250	1400	1250	1100	1100	1100
Höhe in mm Height in mm	2500	2500	2500	3000	2500	3000	2500	3000	2500	2500	2500	2500
Flügelgewicht in kg **Leaf weight in kg**												
Rollentürband Barrel hinge	160	160	150	200	150	200	150	200	150	120	120	120
Aufsatztürband Surface-mounted door hinge	160	160	150	200	150	200	150	200	150	150	150	150
Gestaltungsvarianten **Design options**												
RL (Residential Line) RL (Residential Line)			■	■	■	■	■	■	■	■		
SL (Softline) SL (Softline)	■	■	■	■	■	■	■		■	■		
Umlaufender Flügel (F) / Sockel (S) Continuous leaf (F) / sill (S)	F / S	F / S	F / S	F / S	F / S	F / S	F / S	F / S	F / S	F	F	F
Öffnungsarten **Opening types**												
Nach innen öffnend Inward-opening	■	■	■	■	■	■	■	■	■	■	■	■
Nach außen öffnend Outward-opening	■		■	■	■	■	■	■	■	■	■	■
Flächenbündig Flush-fitted	■		■	■	■	■	■	■	■	■	■	■
Aufschlagend Face-fitted		■	■	■	■	■	■	■	■			
Einsatzbereiche [2] **Areas of use** [2]												
Nebeneingang Side entrance	■						■		■	■	■	■
Wohngebäude Residential buildings		■	■		■		■		■			
Öffentliche Gebäude Public buildings	■		■	■	■	■	■	■	■	■	■	■
Bänder **Hinges**												
Verdeckt liegendes Türband 100° / 180° Concealed door hinge 100° / 180°	■	■	■	■	■	■	■	■	■			
Rollentürband Barrel hinge	■	■	■	■	■	■	■	■	■	■	■	■
Aufsatztürband Surface-mounted door hinge	■	■	■	■	■	■	■	■	■	■	■	■

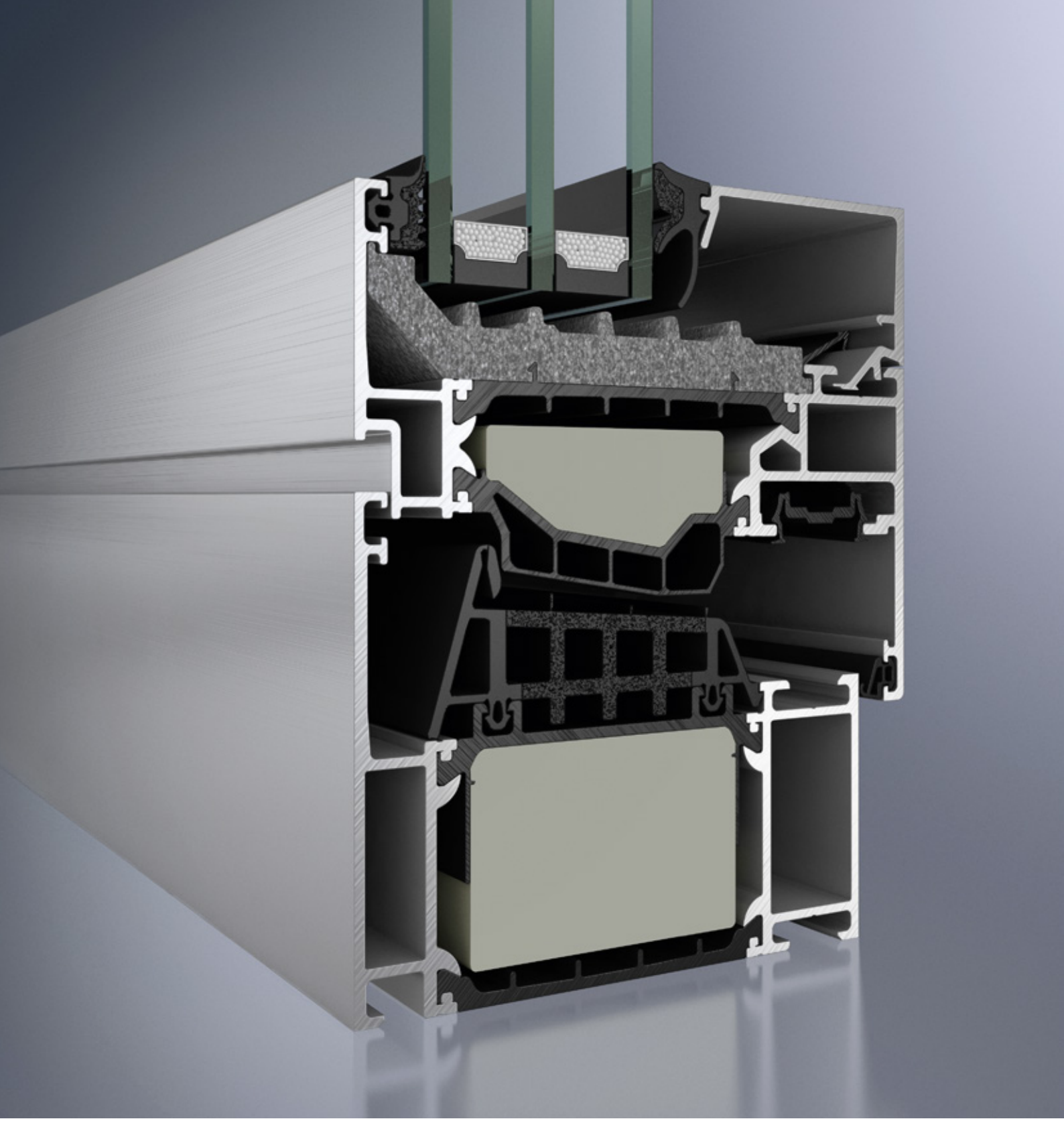
	Schüco ADS 90.SI	Schüco ADS 90 PL.SI	Schüco ADS 75.SI	Schüco ADS 75 HD.HI	Schüco ADS 70.HI	Schüco ADS 70 HD	Schüco ADS 65	Schüco ADS 65 HD	Schüco ADS 65.NI	Schüco ADS 60	Schüco ADS 50	Schüco ADS 50.NI
Design Design												
Verbundsysteme **Rolling options**												
Werksverbund Pre-rolled	■	■	■	■	■ [3]	■	■	■		■ [3]	■	
Kundenverbund Rolled together by customer	■	■	■	■	■	■	■	■		■		
Schüco Systemverbund Pre-rolled by Schüco	■	■	■	■	■	■		■				
Flügelüberdeckende Füllung **Leaf-enclosing infill**	■	■	■	■	■	■	■	■		■		
Zweifarbigkeit **Dual colour system**	■	■	■	■	■	■	■	■		■		
Security Security												
Einbruchhemmung nach DIN EN 1627 (DIN V ENV 1627) **Burglar resistance in accordance with DIN EN 1627 (DIN V ENV 1627)**												
WK1 WK1											■	■
RC 2 (WK2) RC 2 (WK2)	■	■	■	■	■	■	■	■	■	■	■	■
RC 3 (WK3) RC 3 (WK3)	■	■	■	■	■	■	■	■				
Fluchttürsicherung **Emergency exit switch**	■		■	■	■	■	■	■	■			
Panikbeschlag DIN EN 1125 / 179 **Panic fitting DIN EN 1125 / 179**	■		■	■	■	■	■	■	■	■	■	■
Automation Automation												
Integration Gebäudesteuerung Integration in building management system	■		■	■	■	■	■	■	■	■	■	■
Türmanager Door manager	■		■	■	■	■	■	■	■			
Überwachung / Sensorik Monitoring / sensors	■		■	■	■	■	■	■	■	■	■	■
Zutrittskontrolle **Access control**												
Kartenleser Card reader	■	■	■	■	■	■	■	■	■			
Fingerprint Fingerprint	■	■	■	■	■	■	■	■	■			
Funk Radio control	■	■	■	■	■	■	■	■	■	■	■	■
Tastatur Keypad	■	■	■	■	■	■	■	■	■			
Barrierefreiheit **Ease of access**												
Barrierefreie Schwelle Easy-access threshold	■	■	■	■	■	■	■	■	■	■	■	■
Obentürschließer Top door closer	■	■	■	■	■	■	■	■	■	■	■	■
Keyless-Entry Keyless entry	■	■	■	■	■	■	■	■	■	■	■	■
Drehtürantrieb Side-hung door drive	■	■	■	■	■	■	■	■	■	■	■	■

[1] Bei Ansichtsbereich 147 mm
Face widths 147 mm

[2] Für die Märkte in Deutschland, Österreich, Schweiz
For the German, Austria and Swiss markets

[3] Ausgewählte Profile
Selected profiles

Fenstersysteme
Window Systems



Standardsysteme
Standard systems

Fenstersysteme
Window Systems

62 Standardsysteme
Standard systems

64 Systemeigenschaften Schüco Fenster AWS 90.SI+/AWS 90.SI+ Green
Schüco Window AWS 90.SI+/AWS 90.SI+ Green system features

66 Systemeigenschaften Schüco Fenster AWS 75.SI+/AWS 70.HI
Schüco Window AWS 75.SI+/AWS 70.HI system features

68 Gestaltungsserien für Fenster
Design series for windows

70 Technische Informationen
Technical information

72 Profilschnitte Schüco Fenster AWS 90.SI+
Profile section details for Schüco Window AWS 90.SI+

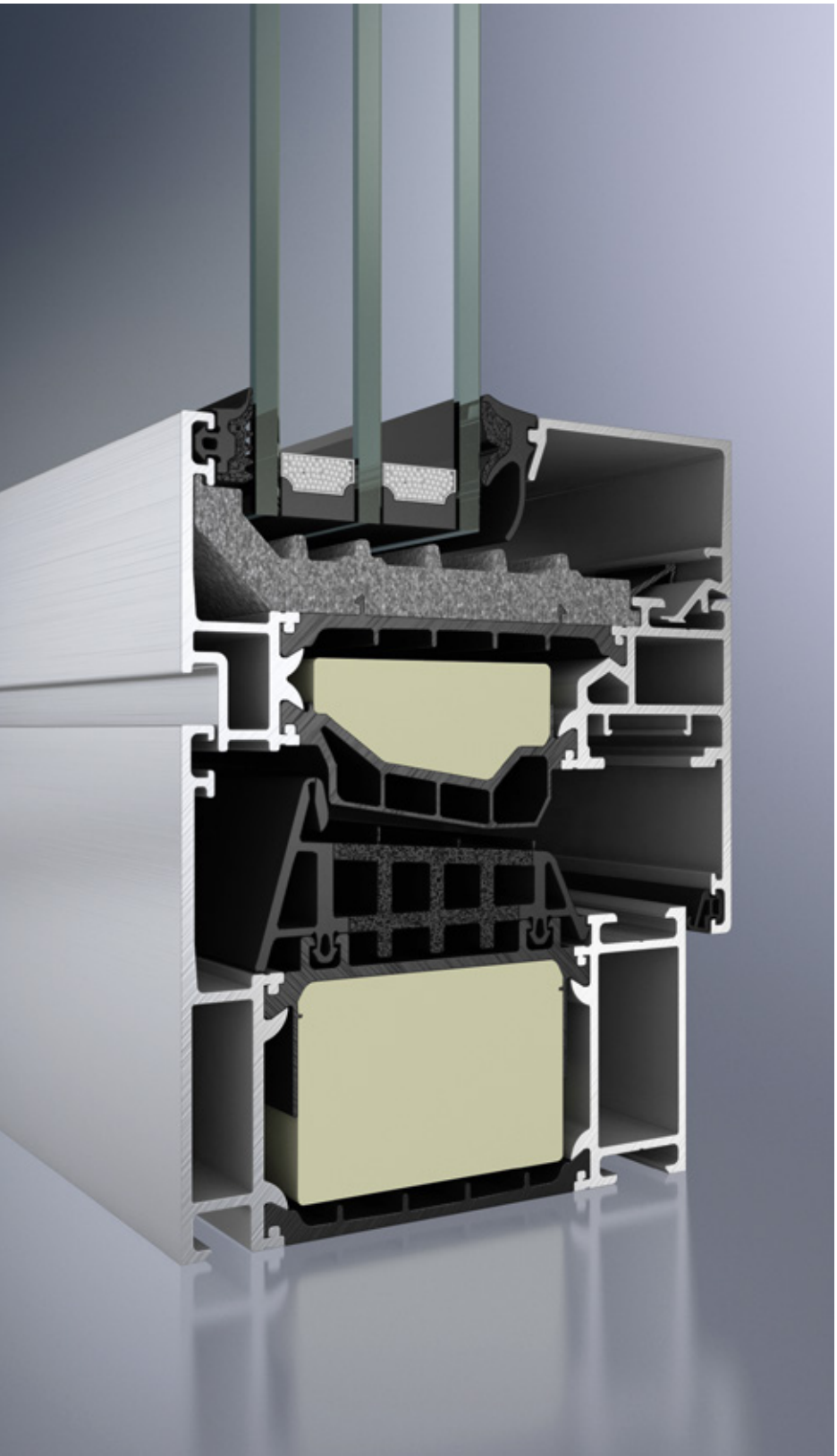
84 Profilschnitte Schüco Fenster AWS 75.SI+
Profile section details for Schüco Window AWS 75.SI+

100 Baukörperanschlüsse
Attachments to building structure

112 Blockserien
Block series
132 Fensterfassaden
Window façades
144 Verbundfenster
Composite windows
166 Ungedämmte Systeme
Non-insulated systems

Systemeigenschaften Schüco Fenster AWS 90.SI+ / AWS 90.SI+ Green

Schüco Window AWS 90.SI+ / AWS 90.SI+ Green system features



Mit dem Aluminiumfenster Schüco AWS 90.SI+ werden die Vorteile des Werkstoffs Aluminium mit zukunftsweisender Wärmedämmung für eine nachhaltige Architektur verbunden. Exzellente Wärmedämmung auf Passivhausniveau ($U_f \geq 0{,}71\,W/(m^2K)$, $U_w \geq 0{,}8\,W/(m^2K)$) wird unter Nutzung des Schüco AWS Baukastens höchsten architektonischen Anforderungen an Design und Gestaltungsmöglichkeiten bei nur 90 mm Bautiefe gerecht. Türen des kompatiblen Türsystems Schüco ADS 90.SI erreichen U_d-Werte von 1,0 W/(m²K). Mit der Variante „Green“ gelingt es Schüco als erstem Anbieter ein serienfähiges, zugelassenes Aluminiumfenster mit signifikanten Anteilen an nachwachsenden Rohstoffen in den Kunststoffen auszustatten.

The Schüco AWS 90.SI+ aluminium window combines the benefits of aluminium with pioneering thermal insulation for sustainable architecture.
Excellent thermal insulation to passive house standard ($U_f \geq 0.71\,W/(m^2K)$, $U_w \geq 0.8\,W/(m^2K)$) achieved using the Schüco AWS modular system meets the highest architectural requirements for design options with a basic depth of just 90 mm. Doors in the Schüco ADS 90.SI compatible door system achieve U_d values of 1.0 W/(m²K). With the “Green” version, Schüco has become the first supplier to offer a production-ready, approved aluminium window with a significant proportion of renewable raw materials in the plastics.

Schüco Fenster AWS 90.SI+
Schüco Window AWS 90.SI+

Eigenschaften und Vorteile

Wärmedämmung

- Fenster mit Wärmedämmung auf Passivhausniveau und einem U_f-Wert von bis zu 0,71 W/(m²K)
- U_w = 0,8 W/(m²K) mit 3-fach Verglasung (U_g = 0,6 W/(m²K), Kunststoff-Abstandshalter)
- Wärmedämmung des Glasfalzes durch Schaumdämmkeil
- Wärmegedämmte Mitteldichtung mit Schaumkern und Fähnchen
- Glasanlagedichtung mit Schaumkern

Optik

- Blendrahmenprofile ab 56 mm Ansichtsbreite
- Geringere Ansichtsbreiten durch schmale Stulpprofile
- Pfostenprofile ab einer Ansichtsbreite von 89 mm bis 260 mm
- Mehrfarbige Profilgestaltung

Funktionalität

- Einbruchhemmung bis RC 3 (WK3) nach DIN EN 1627 (DIN V ENV 1627)
- Verdeckt liegender Schüco AvanTec SimplySmart Systembeschlag bis 250 kg
- Flügelprofil für Schüco TipTronic mit Flügelgewichten bis 160 kg
- Verdeckt liegende Entwässerung möglich
- Lösung für barrierefreie Terrassen- und Balkontür in Dreh-, Drehkipp- und Stulp-Ausführung
- Einsatzblendrahmen mit Adapterdichtung für Glasstärkenausgleich zur Integration in Pfosten-Riegel-Fassaden
- Optional als Schüco AWS 90.SI+ Green mit Isolierstegen, Schäumen und Verglasungsdichtungen mit Anteilen aus nachwachsenden Rohstoffen

Features and benefits

Thermal insulation

- Windows with thermal insulation to passive house standard and a U_f value up to 0,71 W/(m²K)
- U_w = 0.8 W/(m²K) with triple glazing (U_g = 0.6 W/(m²K), plastic spacer)
- Thermal insulation of glazing rebate with foam insulating wedge
- Thermally insulated centre gasket with foam core and fins
- Glazing rebate gasket with foam core

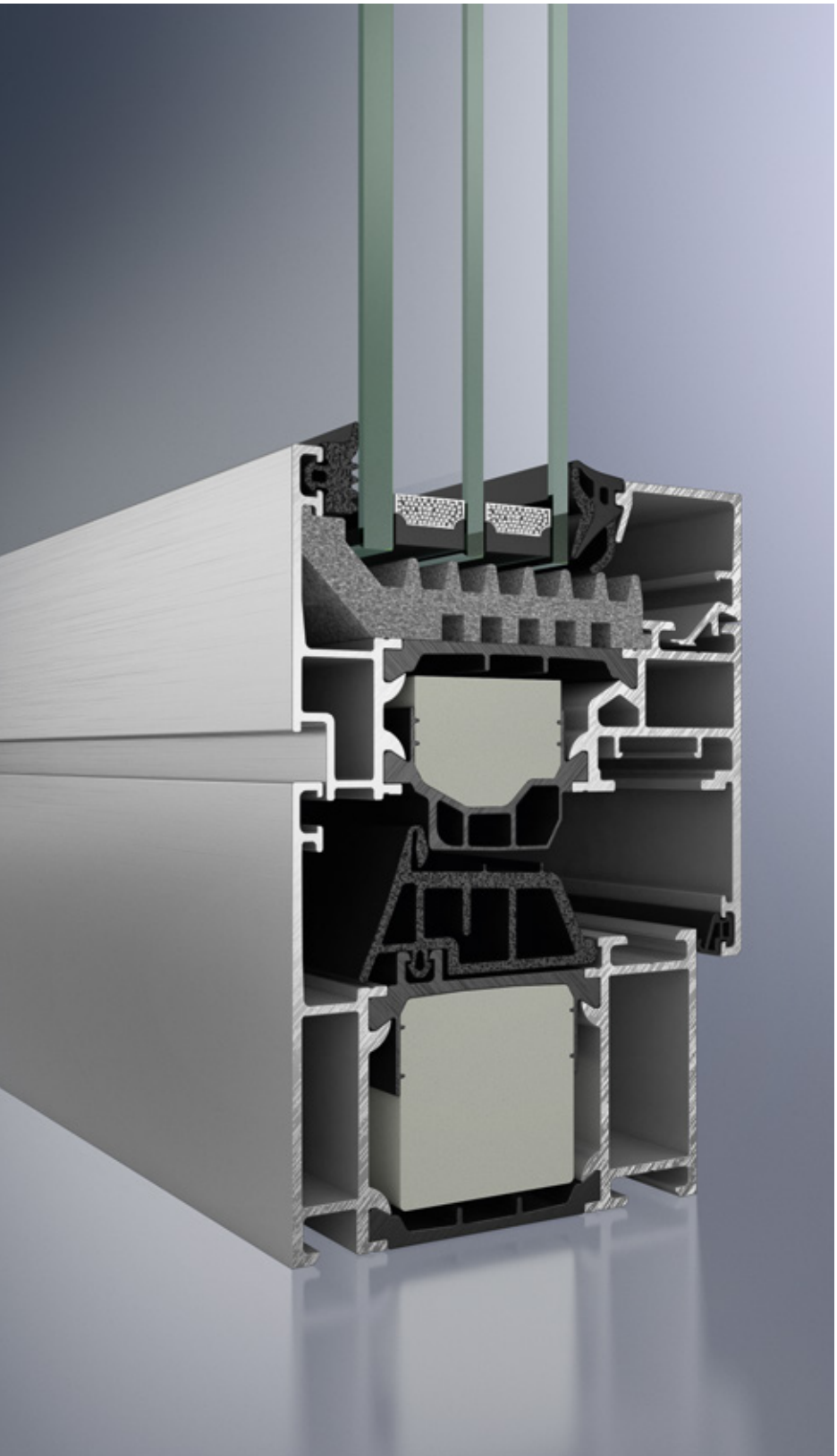
Appearance

- Outer frame profiles with face widths from 56 mm
- Smaller face widths due to narrow meeting stile profiles
- Mullion profiles with face widths from 89 mm to 260 mm
- Profile design in more than one colour

Functions

- Burglar resistance up to RC 3 (WK3) in accordance with DIN EN 1627 (DIN V ENV 1627)
- Concealed Schüco AvanTec SimplySmart system fitting up to 250 kg
- Vent profile for Schüco TipTronic with vent weights up to 160 kg
- Concealed drainage possible
- Solution for easy-access patio and balcony door in side-hung, turn/tilt and double-vent design
- Insert outer frame with adapter gasket to compensate for different glazing thicknesses, for integration into mullion/transom façades
- Also available as Schüco AWS 90.SI+ Green with insulating bars, foam and glazing gaskets containing proportions of renewable raw materials

Systemeigenschaften Schüco Fenster AWS 75.SI+/AWS 70.HI Schüco Window AWS 75.SI+/AWS 70.HI system features



Die Fenstersysteme Schüco AWS 75.SI+ und Schüco AWS 70.HI zeichnen sich durch eine zeitgemäße Wärmedämmung und attraktivem Design aus. Sie sind verfügbar in verschiedenen Designserien und kompatibel zu Schüco Türen ADS/ADS HD.

The Schüco AWS 75.SI+ and Schüco AWS 70.HI window systems ombine contemporary thermal insulation with attractive designs. They are available in a variety of design series and are compatible with Schüco ADS/ADS HD doors.

Schüco Fenster AWS 75.SI+
Schüco Window AWS 75.SI+

Eigenschaften und Vorteile

Wärmedämmung

- Hochwärmegedämmt bei einer Grundbautiefe von 75 mm und 70 mm
- Flexibles Dämmniveau durch unterschiedliche Ausführungsvarianten (Schüco Fenster AWS 75.SI+) mit U_f-Werten bis zu 0,92 W/(m²K)
- Erweiterte Skalierungsmöglichkeiten der Wärmedämmung z. B. über Entfall der Glasfalzdämmung
- Innovative Schaumverbund-Isolierstege in Polythermid (PT) oder Polyamid (PA)
- Großvolumige Mitteldichtung
- Verglasungsdichtungen mit Fahnen

Optik

- Blendrahmenprofile ab 51 mm Ansichtsbreite
- Geringere Ansichtsbreiten durch schmale Stulpprofile
- Pfostenprofile ab einer Ansichtsbreite von 76 mm bis 250 mm
- Mehrfarbige Profilgestaltung
- Design-Glasleiste auch auf Gehrung gearbeitet als Option
- Weitere Gestaltungsserien wie z. B. RL = Residential Line und SL = Soft Line stehen zur Verfügung

Funktionalität

- Einbruchhemmung bis RC 3 (WK3) nach DIN EN 1627 (DIN V ENV 1627)
- Verdeckt liegender Schüco AvanTec SimplySmart Systembeschlag bis 250 kg sowie Flügelprofile für Schüco TipTronic
- Verdeckt liegende Entwässerung möglich
- Lösung für barrierefreie Terrassen- und Balkontür in Dreh-, Drehkipp- und Stulp-Ausführung
- Optional als außen öffnender Flügel sowie als Kurbel-Dreh-Kipp Lösung für schwere, große Elemente (Schüco Fenster AWS 70.HI)
- Einsatzblendrahmen mit Adapterdichtung für Glasstärkenausgleich zur Integration in Pfosten-Riegel-Fassaden

Features and benefits

Thermal insulation

- Highly thermally insulated with a basic depth of 75 mm and 70 mm
- Flexible level of insulation due to different design options (Schüco Window AWS 75.SI+) with U_f values to 0.92 W/(m²K)
- Increased scaling options for thermal insulation e.g. as the glazing rebate insulation is not required
- Innovative foam-filled insulating bars in Polythermide (PT) or Polyamide (PA)
- Large volume centre gasket
- Glazing gaskets with fins

Appearance

- Outer frame profiles with face widths from 51 mm
- Smaller face widths due to narrow meeting stile profiles
- Mullion profiles with face widths from 76 mm to 250 mm
- Profile design in more than one colour
- Also available: feature glazing bead that is mitre cut on all corners
- Additional design series available, e.g. RL = Residential Line and SL = Soft Line

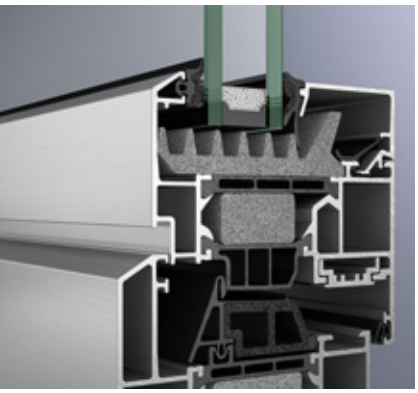
Functions

- Burglar resistance up to RC 3 (WK3) in accordance with DIN EN 1627 (DIN V ENV 1627)
- Concealed Schüco AvanTec SimplySmart system fitting up to 250 kg and vent profiles for Schüco TipTronic
- Concealed drainage possible
- Solution for easy-access patio and balcony door in side-hung, turn/tilt and double-vent design
- Also available as an outward-opening vent and a crank-operated turn/tilt solution for large, heavy units (Schüco Window AWS 70.HI)
- Insert outer frame with adapter gasket to compensate for different glazing thicknesses, for integration into mullion/transom façades

Gestaltungsserien für Fenster
Design series for windows

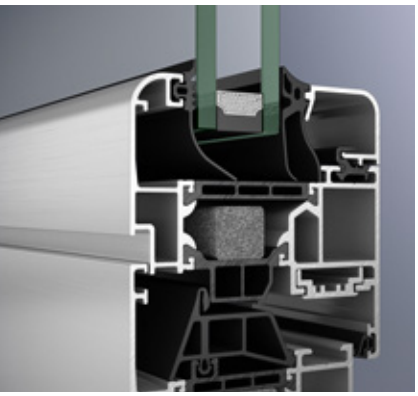
Basierend auf dem Profilsortiment der Standardserien bietet Schüco für besondere Design-Ansprüche eine umfangreiche Lösungsbreite mit moderner Systemtechnik. Die Gestaltungsserien bieten alle Vorteile moderner Aluminiumkonstruktionen bei voller Kompatibilität zu den entsprechenden Standardsystemen.

Based on the range of profiles for the standard series, Schüco offers a comprehensive portfolio of solutions using modern system technology for special design requirements. The design series offer all the advantages of modern aluminium constructions, while remaining fully compatible with the corresponding standard systems.



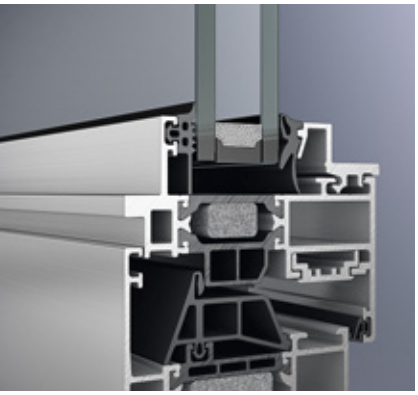
Residential Line (RL)
Durch abgeschrägte Außenkonturen ist die Kontur Residential Line bestens für die Renovierung oder die optische Akzentuierung geeignet.

Residential Line (RL)
With its bevelled outer contours, the Residential Line contour is ideally suited to renovation projects or for giving visual emphasis.



Soft Line (SL)
Mit einer abgerundeten Kontur an Flügelprofil und der Glasleiste ist bietet Schüco mit der Soft Line-Kontur eine attraktive und optisch sehr harmonische Lösung mit einer weichen Linienführung.

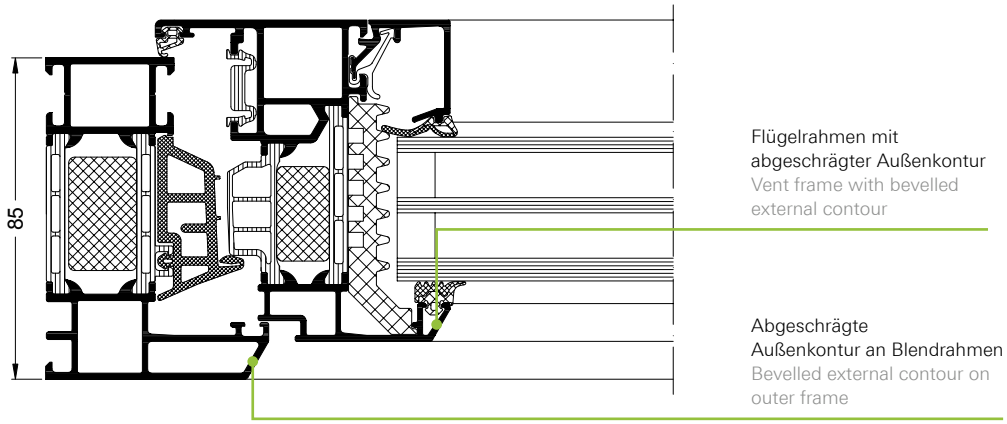
Soft Line (SL)
With its rounded contour on vent profiles and the glazing bead, the Soft Line contour from Schüco is an attractive and visually seamless solution.



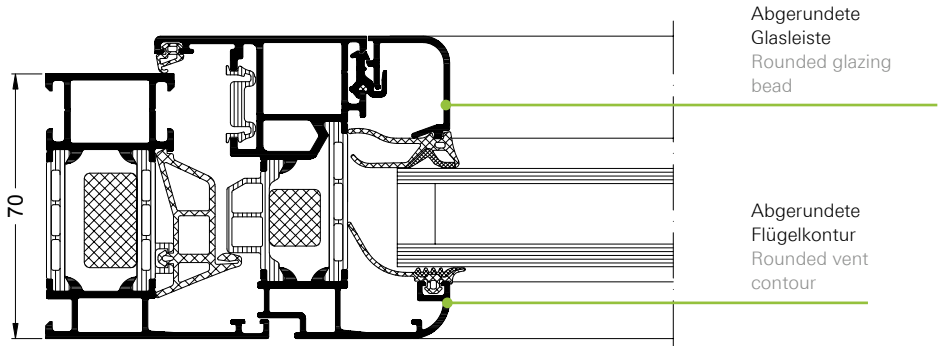
Steel Contour (ST)
Diese Kontur betont den klassisch-handwerklichen Charakter von Stahlfenstern und eignet sich besonders gut bei der Rekonstruktion alter Stahlfenster oder der Ausstattung von Neubauten mit attraktiver Stahloptik.

Steel Contour (ST)
This contour emphasises the classic, handcrafted character of steel windows, and is ideal for refurbishing old steel windows or for endowing newbuilds with an attractive steel look.

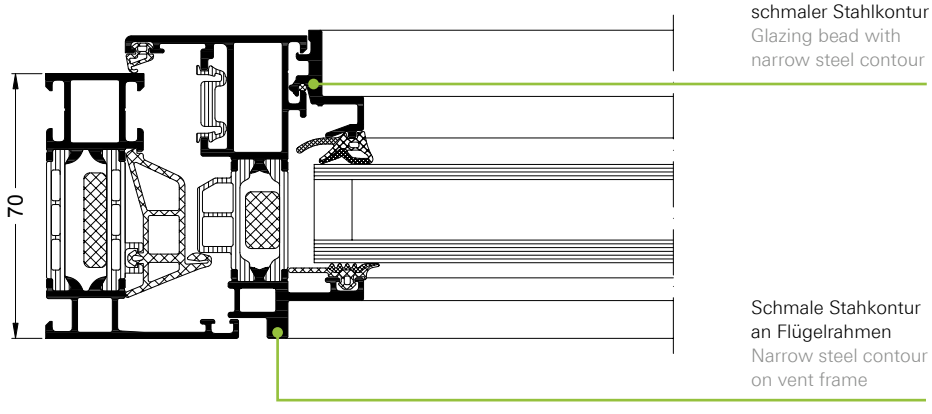
Residential Line am Beispiel Schüco Fenster AWS 75 RL.SI+
Example of Residential Line on Schüco Window AWS 75 RL.SI+



Soft Line am Beispiel Schüco Fenster AWS 70 SL.HI
Example of Soft Line on Schüco Window AWS 70 SL.HI



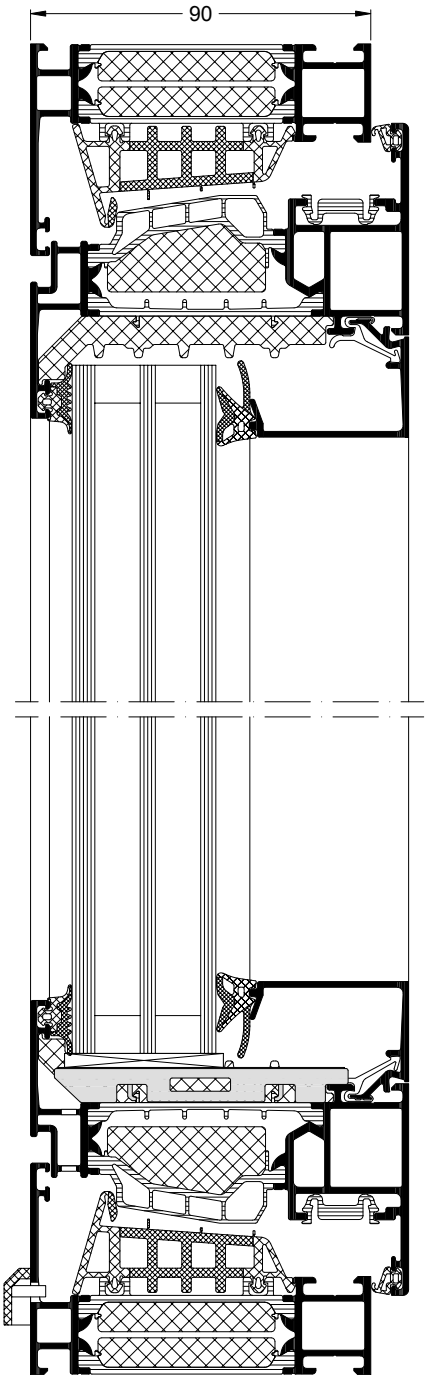
Steel Contour am Beispiel Schüco Fenster AWS 70 ST.HI
Example of Steel Contour on Schüco Window AWS 70 ST.HI



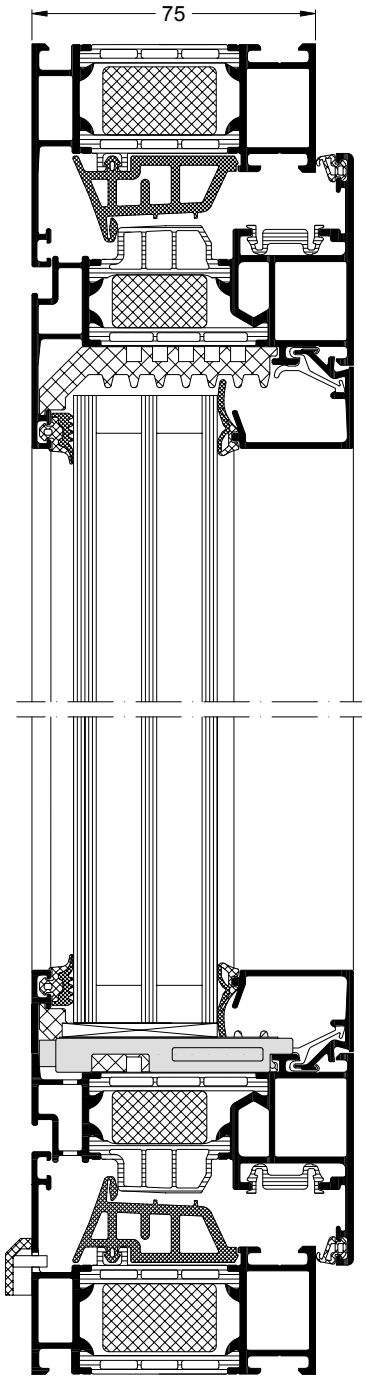
Maßstab 1:2
Scale 1:2

Technische Informationen
Technical information

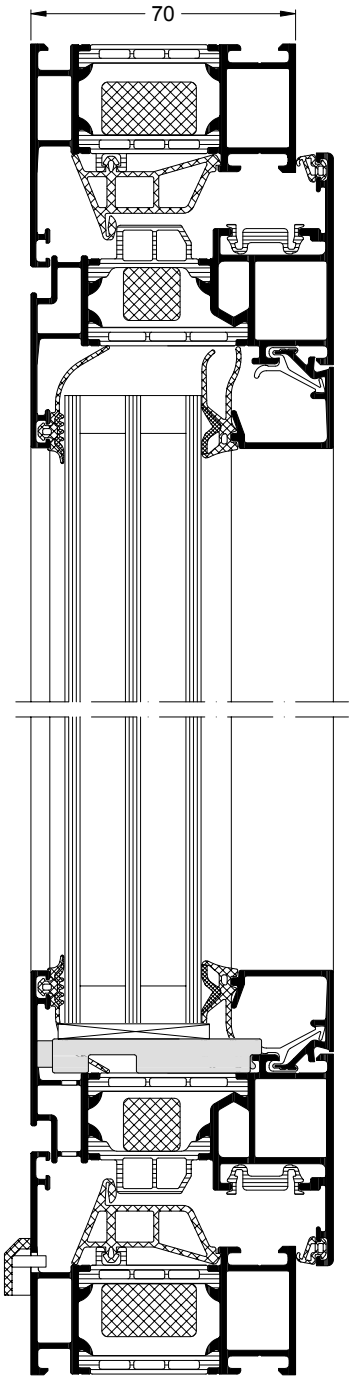
Schüco Fenster AWS 90.SI+/AWS 90.SI+ Green
Schüco Window AWS 90.SI+/AWS 90.SI+ Green



Schüco Fenster AWS 75.SI+
Schüco Window AWS 75.SI+



Schüco Fenster AWS 70.HI
Schüco Window AWS 70.HI



Maßstab 1:2
Scale 1:2

Schüco System Schüco System	AWS 90.SI+	AWS 75.SI+	AWS 70.HI
Abmessungen Dimensions			
Bautiefe Blendrahmen Basic depth of outer frame	90 mm	75 mm	70 mm
Bautiefe Flügelrahmen Basic depth of leaf frame	100 mm	85 mm	80 mm
Glasstärken Festfeld Glass thickness of fixed light	28 – 63 mm	19 – 55 mm	11 – 52 mm
Glasstärken Flügel Glass thickness of vent	28 – 68 mm	19 – 65 mm	21 – 62 mm
Prüfungen und Normen Tests and standards			
Wärmedämmung nach DIN EN ISO 10077-2 Thermal insulation in accordance with DIN EN ISO 10077-2	bis to U_f 0,71 W/(m²K)	bis to U_f 0,92 W/(m²K)	bis to U_f 1,5 W/(m²K)
Schalldämmung nach DIN EN ISO 140-3 Sound insulation in accordance with DIN EN ISO 140-3	bis to R_w 47 dB	bis to R_w 48 dB	bis to R_w 48 dB
Einbruchhemmung nach DIN EN 1627 (DIN V ENV 1627) Burglar resistance in accordance with DIN EN 1627 (DIN V ENV 1627)	Klasse Class RC 3 (WK3)	Klasse Class RC 3 (WK3)	Klasse Class RC 3 (WK3)
Luftdurchlässigkeit nach DIN EN 12207 Air permeability in accordance with DIN EN 12207	Klasse Class 4	Klasse Class 4	Klasse Class 4
Schlagregendichtheit nach DIN EN 12208 * Watertightness in accordance with DIN EN 12208 *	Klasse Class 9a	Klasse Class 9a	Klasse Class 9a
Windlastwiderstand nach DIN EN 12210 Wind load resistance in accordance with DIN EN 12210	Klasse Class C5 / B5	Klasse Class C5 / B5	Klasse Class C5 / B5
Mechanische Beanspruchung nach DIN EN 13115 Mechanical loading in accordance with DIN EN 13115	Klasse Class 4	Klasse Class 4	Klasse Class 4
Dauerfunktion nach DIN EN 12400 Resistance to repeated opening and closing in accordance with DIN EN 12400	Klasse Class 3	Klasse Class 3	Klasse Class 3

* Durchbiegungsverhalten profilabhängig
The amount of deflection will depend on the profile

Schalldämmung
Sound insulation

Schüco System Schüco System	Bewertetes Schalldämm-Maß R_w ($C;C_{tr}$) Weighted sound reduction index R_w ($C;C_{tr}$)	Anzahl Scheiben Number of panes	Verglasung Glazing		R_w-Wert Glas R_w value of glass
AWS 90.SI+ / Green	47 (-2;-5) dB	3	50 mm	12 VSG SI * / 12 Argon / 6 / 12 Argon / 8 VSG SI *	50 dB
	45 (-1;-4) dB	3	48 mm	10 / 12 Argon / 6 / 12 Argon / 8 VSG SI *	46 dB
	42 (-3;-7) dB	3	42 mm	8 VSG SI * / 12 Argon / 4 / 12 Argon / 6	42 dB
	39 (-3;-6) dB	3	42 mm	8 / 12 Argon / 4 / 12 Argon / 4	39 dB
	38 (-2;-6) dB	3	38 mm	6 / 12 Argon / 4 / 12 Argon / 4	36 dB
	33 (-1;-5) dB	3	36 mm	4 / 12 Argon / 4 / 12 Argon / 4	32 dB
AWS 75.SI+	47 (-2;-5) dB	3	50 mm	12 VSG SI / 12 Argon / 6 / 12 Argon / 8 VSG SI	50 dB
	41 (-3;-7) dB	3	42 mm	8 VSG SI / 12 Argon / 4 / 12 Argon / 6	42 dB
	37 (-2;-6) dB	3	38 mm	6 / 12 Argon / 4 / 12 Argon / 4	36 dB
	48 (-2;-5) dB	2	46 mm	14 VSG SI / 24 Argon / 8 VSG SI *	51 dB
	44 (-1;-3) dB	2	42 mm	8 VSG SI / 24 Argon / 10	47 dB
	37 (-1;-5) dB	2	24 mm	6 / 12 Argon / 6	35 dB
AWS 70.HI	47 (-2;-5) dB	3	50 mm	12 VSG SI / 12 Argon / 6 / 12 Argon / 8 VSG SI	50 dB
	41 (-3;-7) dB	3	42 mm	8 VSG SI / 12 Argon / 4 / 12 Argon / 6	42 dB
	37 (-2;-6) dB	3	38 mm	6 / 12 Argon / 4 / 12 Argon / 4	36 dB
	48 (-1;-4) dB	2	46 mm	14 VSG SI / 24 Argon / 8 VSG SI	51 dB
	44 (-1;-3) dB	2	40 mm	8 / 24 Argon / 8 VSG SI	45 dB
	37 (-2;-5) dB	2	26 mm	6 / 16 Argon / 4	36 dB

* Verbund-Sicherheitsglas Silence

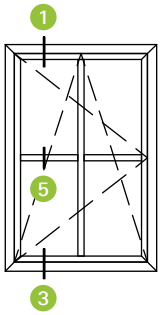
Hinweis
Durch die Angabe der Spektrum-Anpassungswerte C und C_{tr} soll die Übereinstimmung zwischen den Messwerten abgeleiteten Einzahlwerten und der subjektiv empfundenen Schalldämmung verbessert werden.
Nach DIN EN 14351 ist eine Änderung der Isolierglaseinheit ohne neue Prüfung des Fensters zulässig, vorausgesetzt, dass die Isolierglaseinheit mindestens das gleiche bewertete Schalldämm-Maß R_w und $R_w + C_{tr}$ aufweist (Daten aus der Prüfung nach EN ISO 140-3 oder generische Daten, siehe EN 12758 oder EN 12354-3). Das gilt auch für 3-fach-Isolierglas.

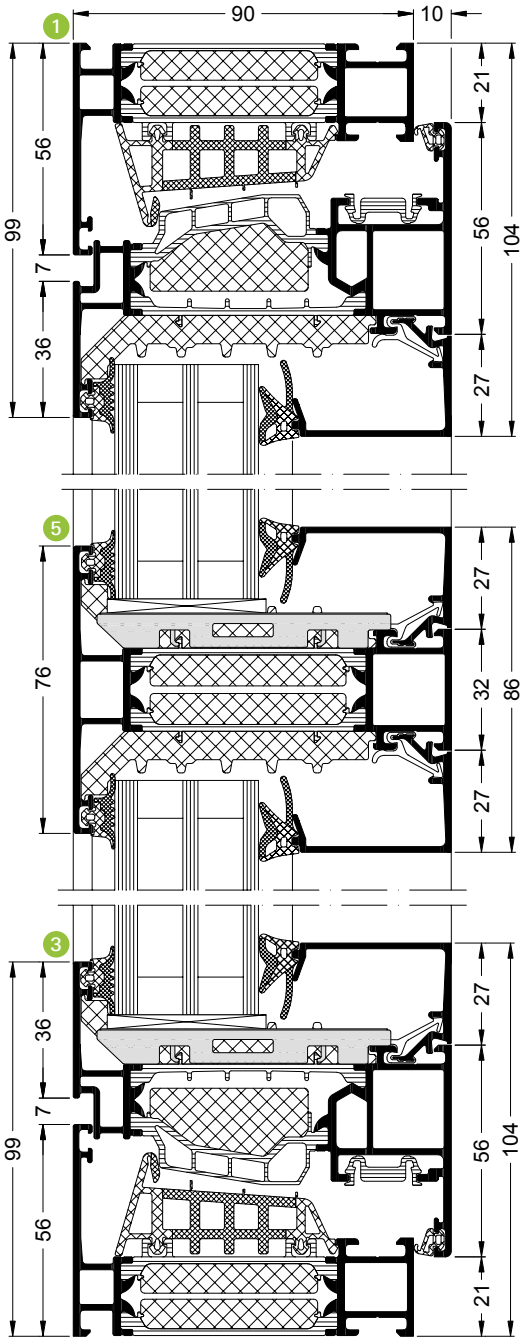
* Silence laminated safety glass

Note
By specifying the spectrum adaptation values C and C_{tr}, the correlation between the singular values derived from the measurement values and the perceived level of sound insulation are improved.
To conform with DIN EN 14351, the insulating glass unit can be changed without testing the window again, provided there is proof that the insulating glass unit has at least same weighted sound reduction index R_w and $R_w + C_{tr}$ (this information can be taken from tests in accordance with EN ISO 140-3 or generic data, see EN 12758 or EN 12354-3). This also applies to triple insulating glass.

Profilschnitte Schüco Fenster AWS 90.SI+
Profile section details for Schüco Window AWS 90.SI+

Flügel mit Sprosse
Vent with sash bar

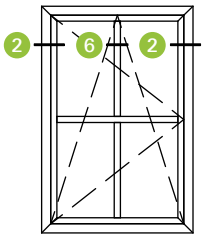


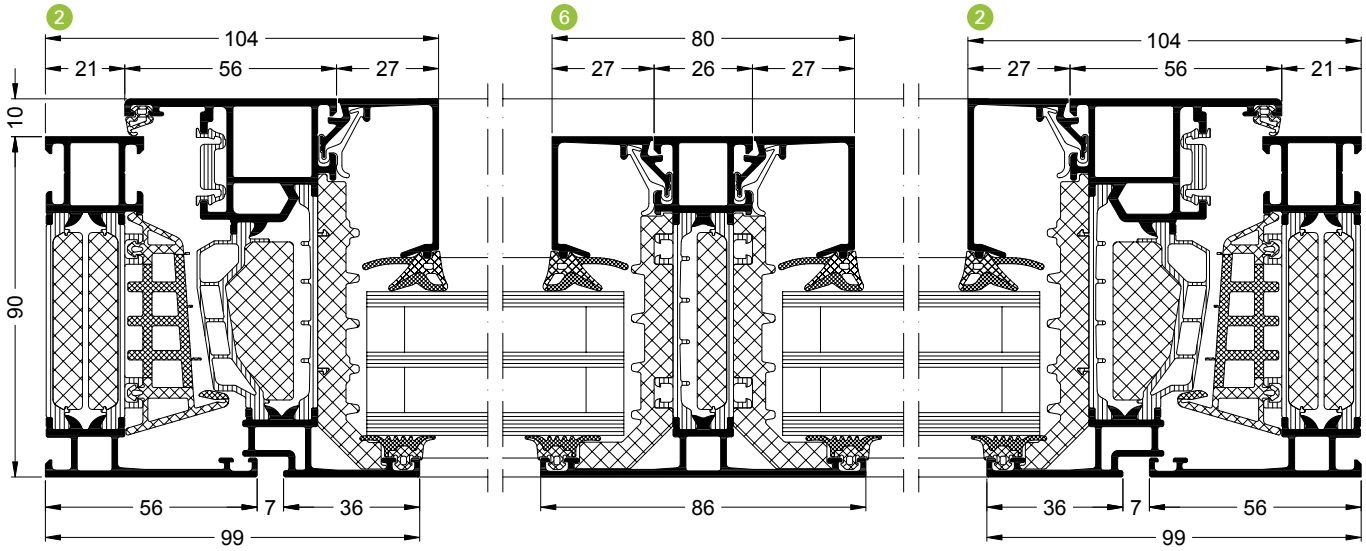


Aufgeklebte Sprosse
Surface-applied sash bar

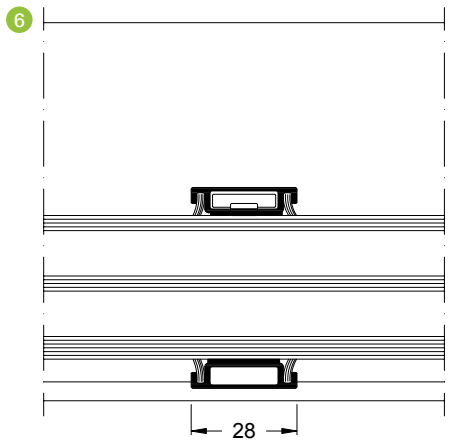
Maßstab 1:2
Scale 1:2

Flügel mit Sprosse
Vent with sash bar



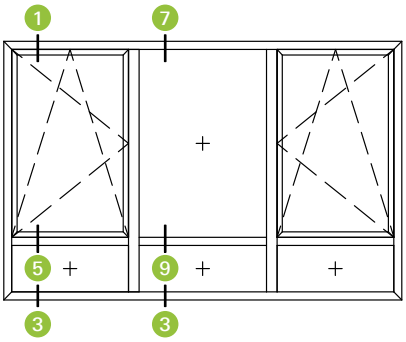


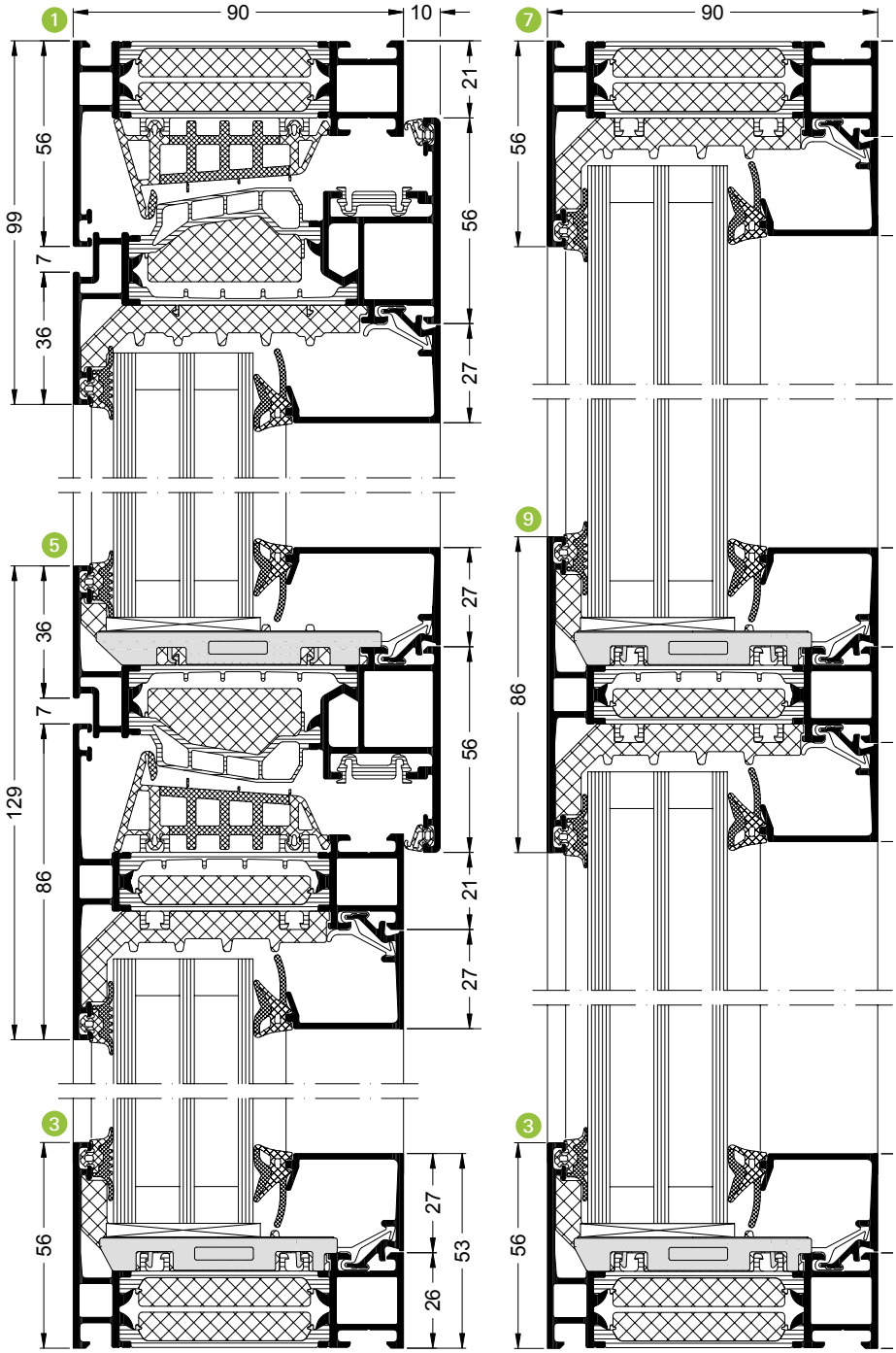
Aufgeklebte Sprosse
Surface-applied sash bar



Maßstab 1:2
Scale 1:2

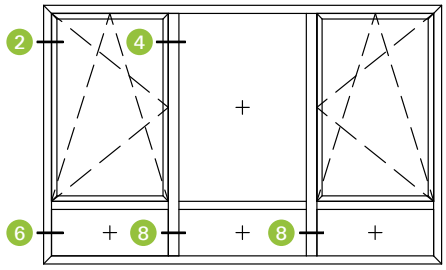
Flügel und Festverglasung
Vent and fixed glazing

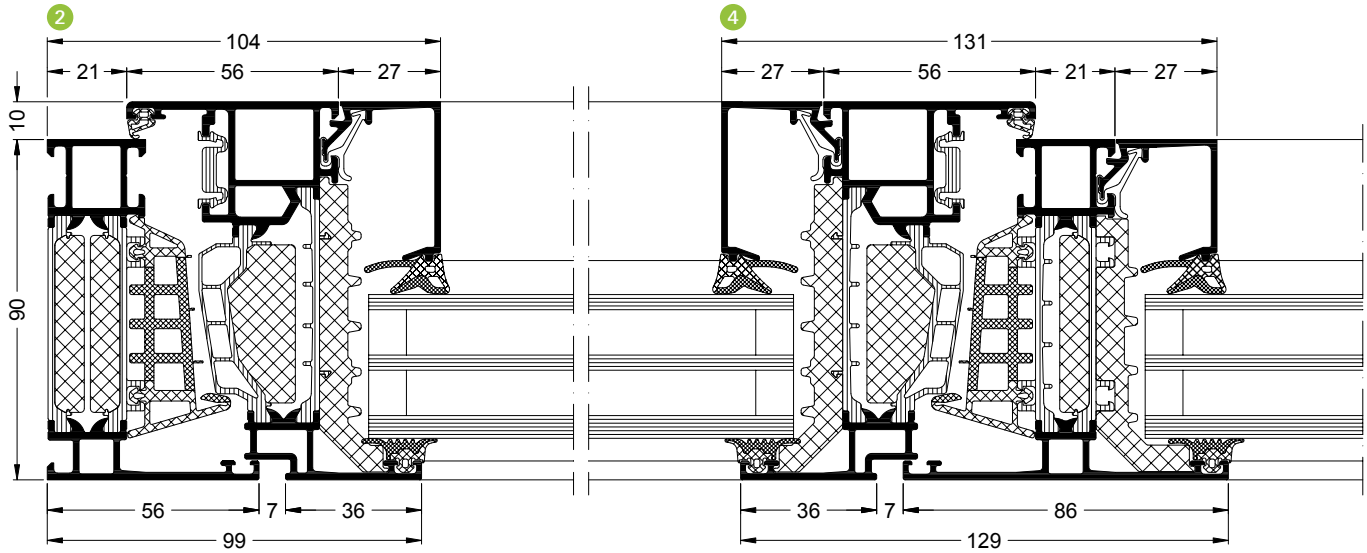


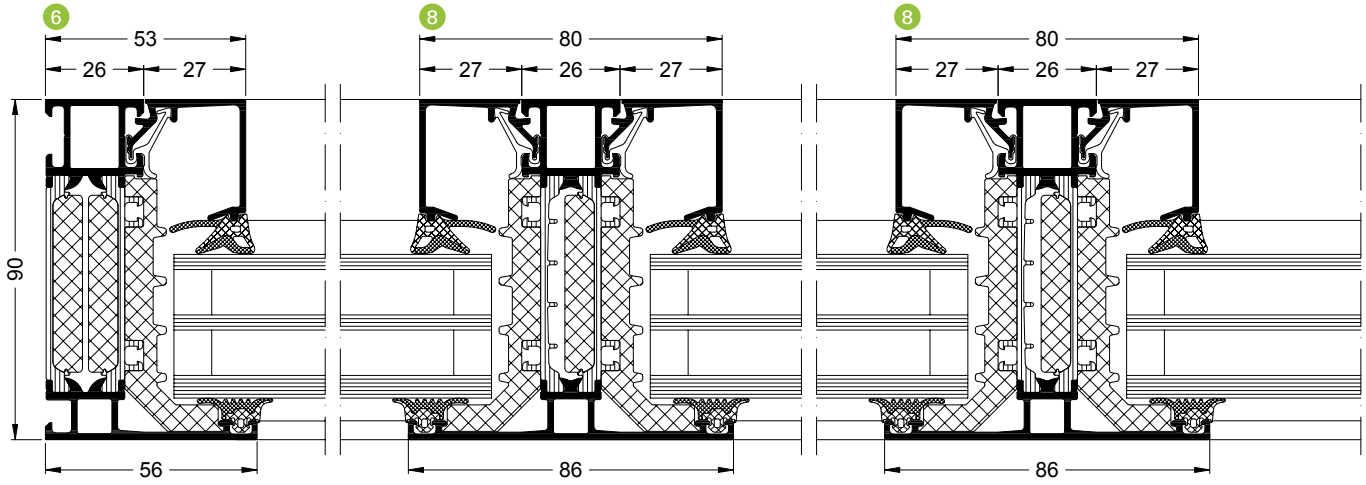


Maßstab 1:2
Scale 1:2

Flügel und Festverglasung
Vent and fixed glazing

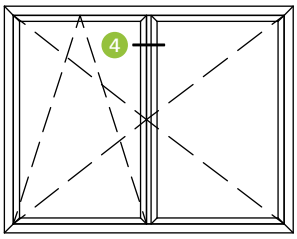


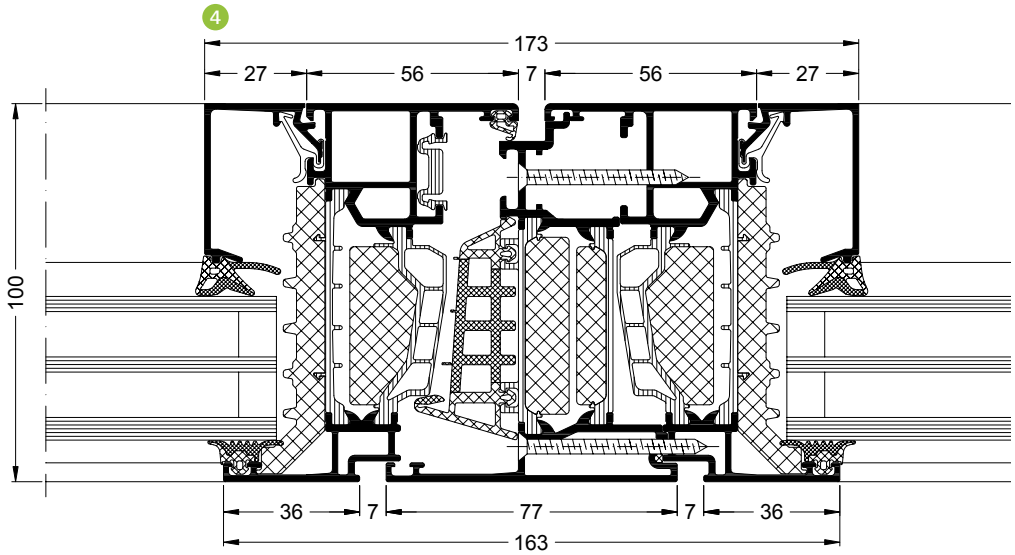




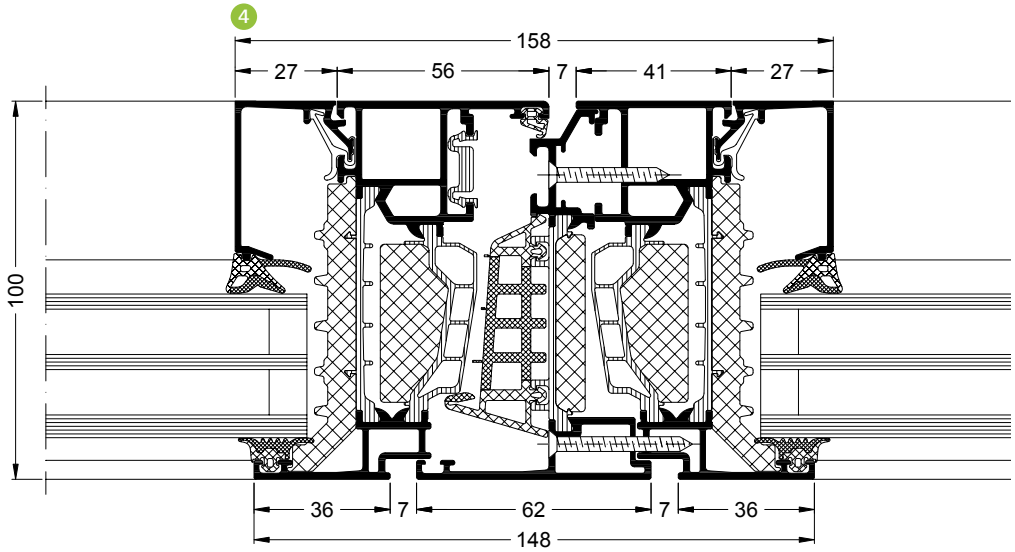
Maßstab 1:2
Scale 1:2

Stulp/Stulp schmal
Double-vent/narrow double-vent





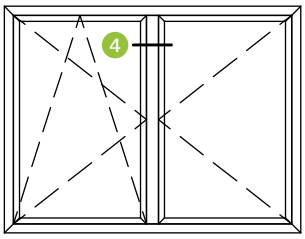
Stulp
Double vent

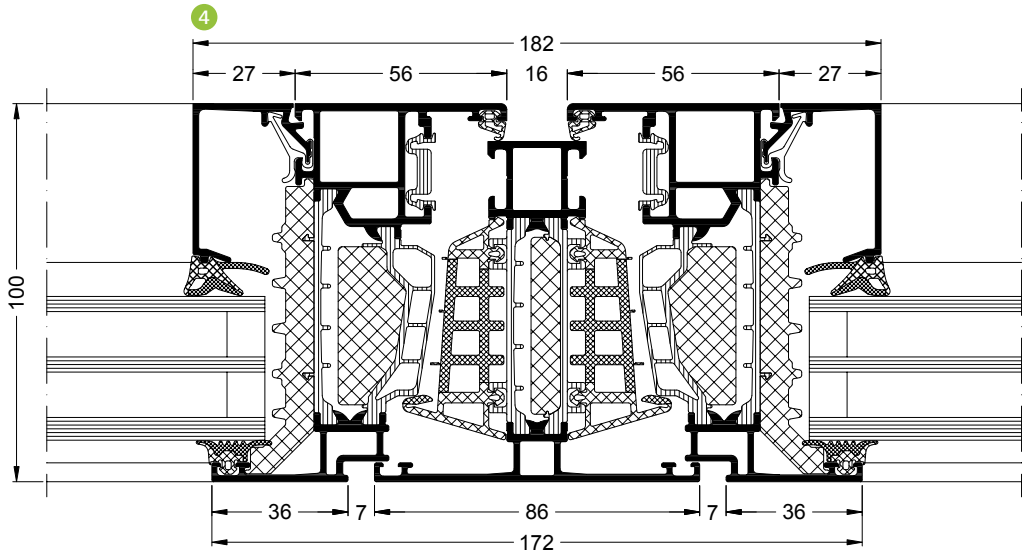


Stulp schmal
Narrow double-vent

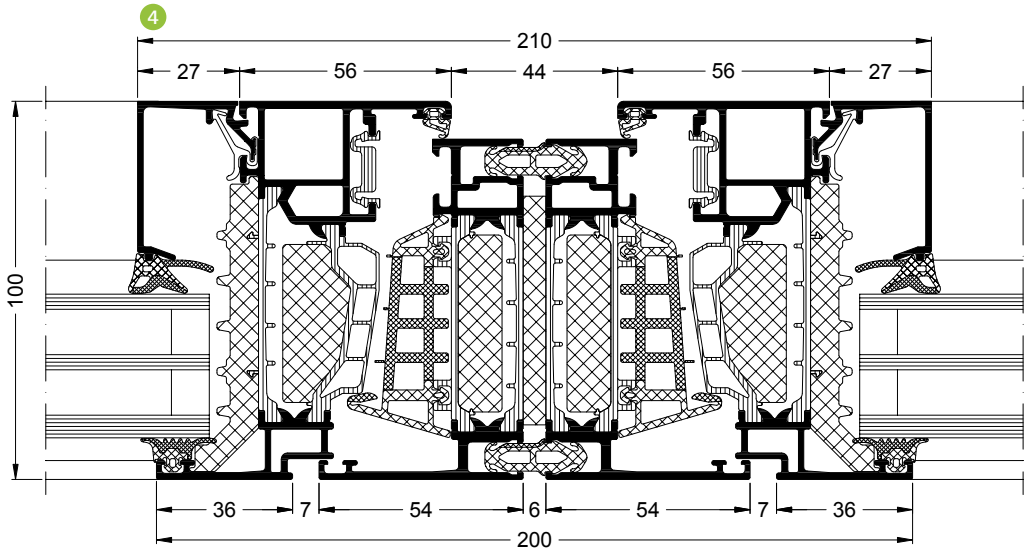
Maßstab 1:2
Scale 1:2

Pfosten/Dehnungsstoß
Mullion/expansion joint



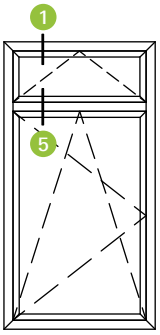


Pfosten
Mullion

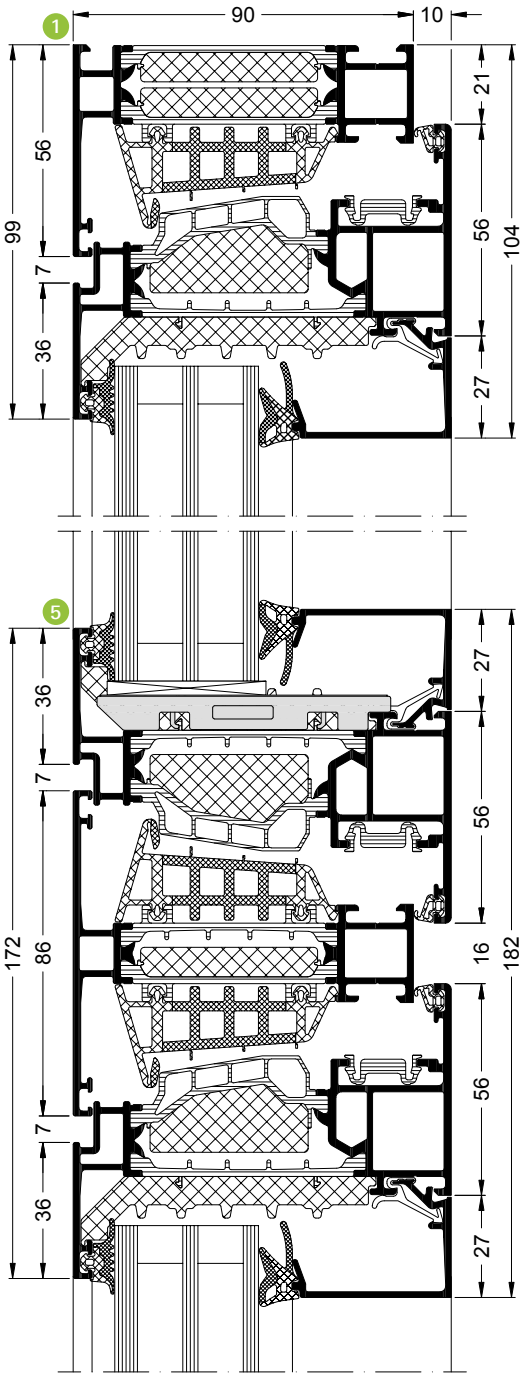


Dehnungsstoß
Expansion joint

Maßstab 1:2
Scale 1:2

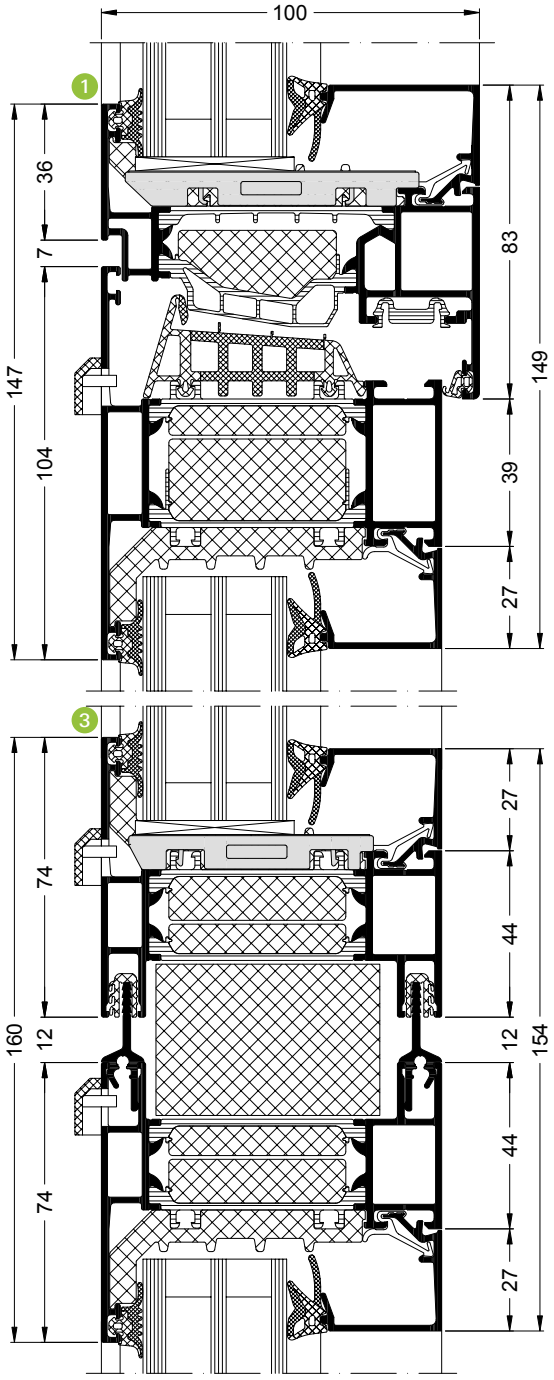


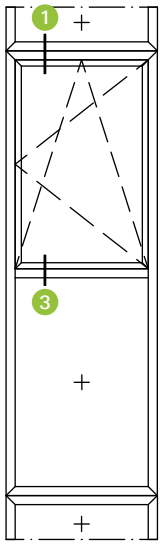
Flügel und Oberlicht
Vent and toplight



Maßstab 1:2
Scale 1:2

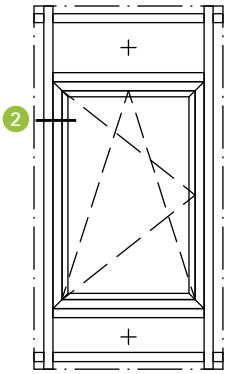
Stapelfassade
Strip window construction

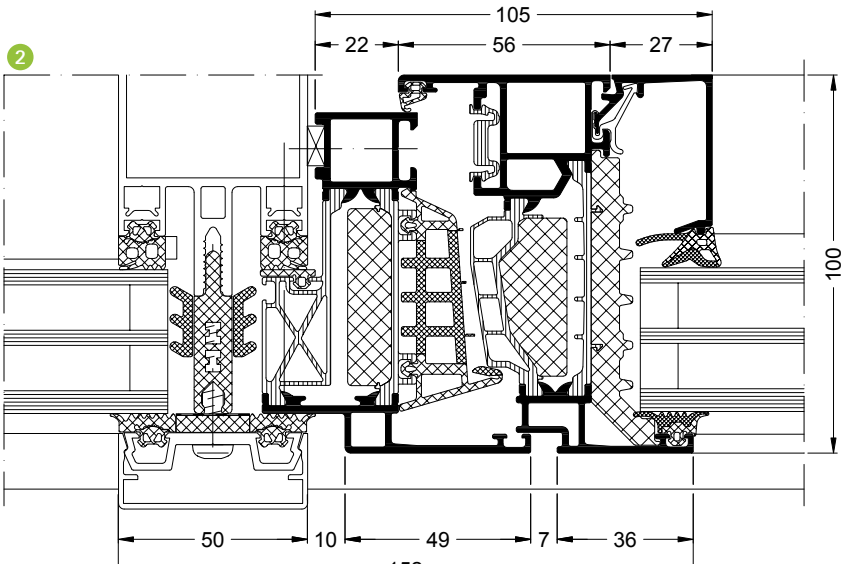


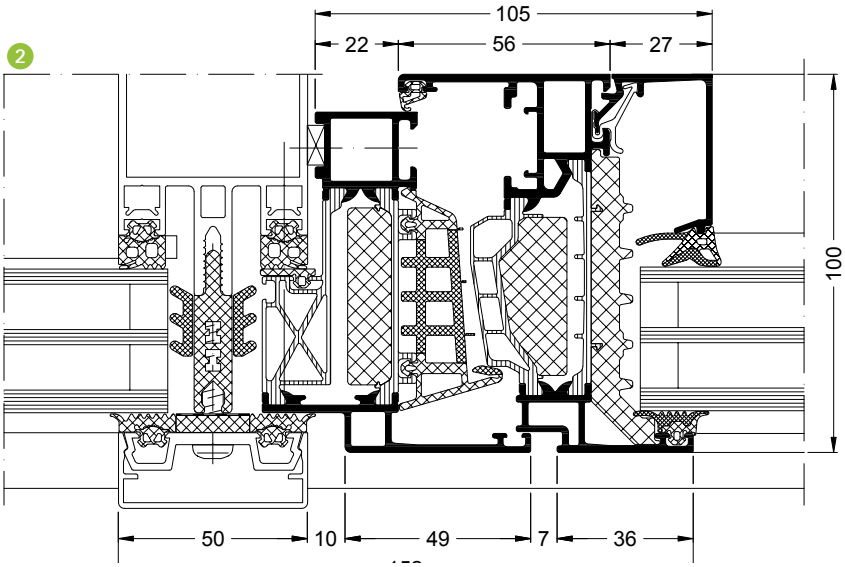


Maßstab 1:2
Scale 1:2

Einsatzblendrahmen für Fassaden
Insert outer frame for façades



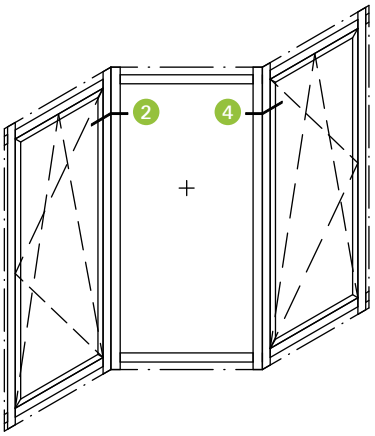


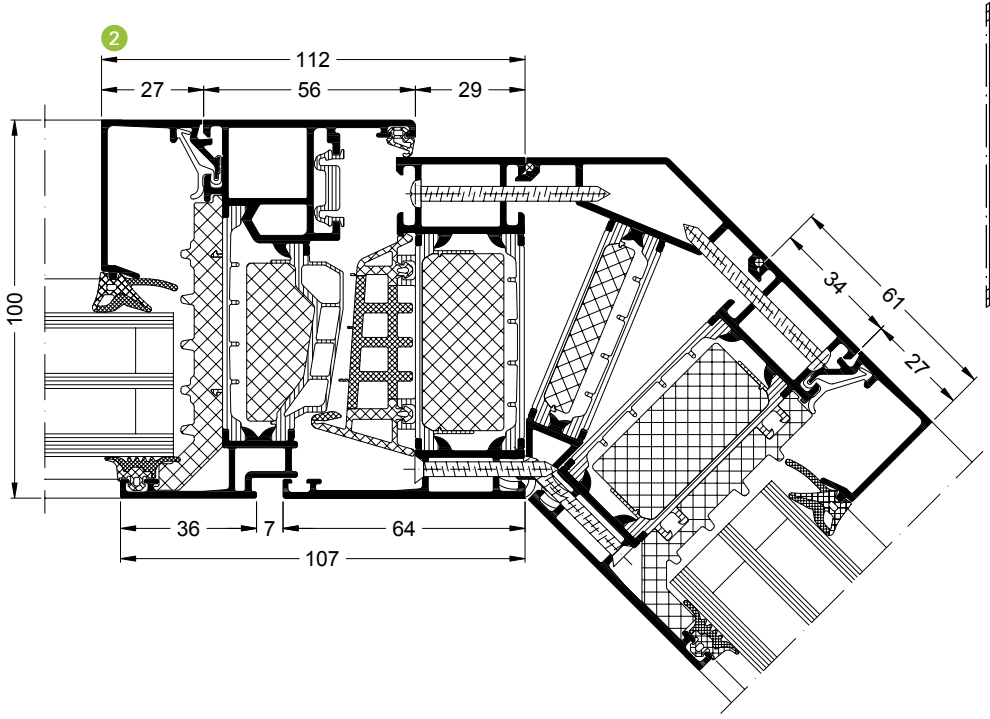


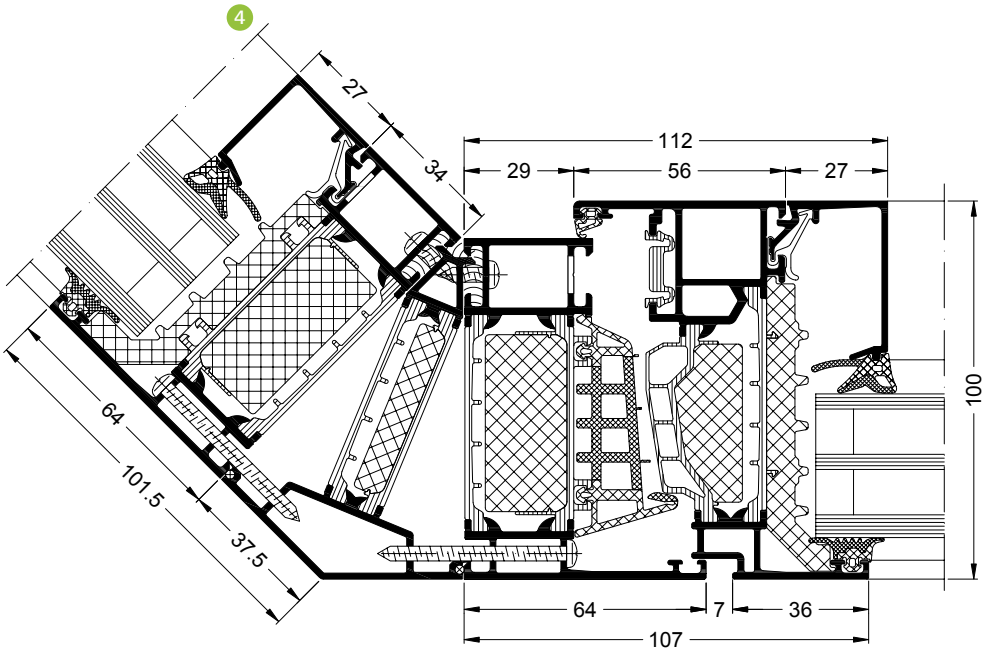
Flügelprofil Schüco TipTronic
Schüco TipTronic vent profile

Maßstab 1:2
Scale 1:2

Eckpfosten 135°
135° corner mullion

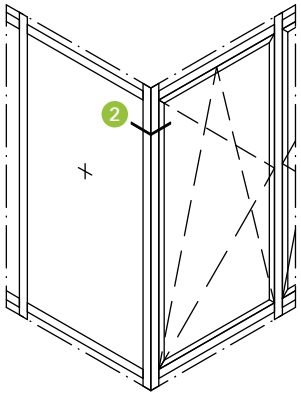


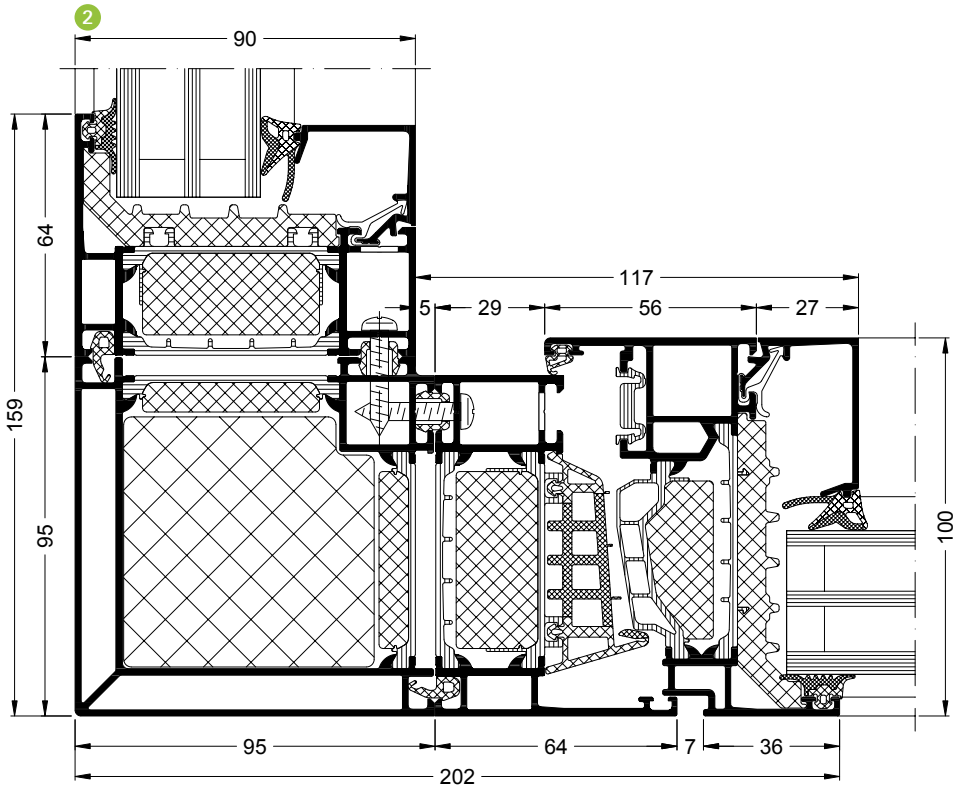




Maßstab 1:2
Scale 1:2

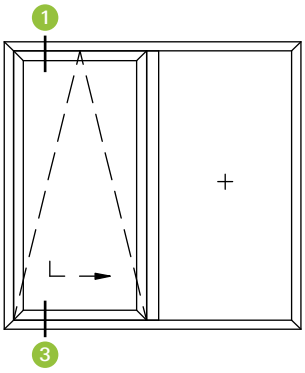
Eckpfosten 90°
90° corner mullion

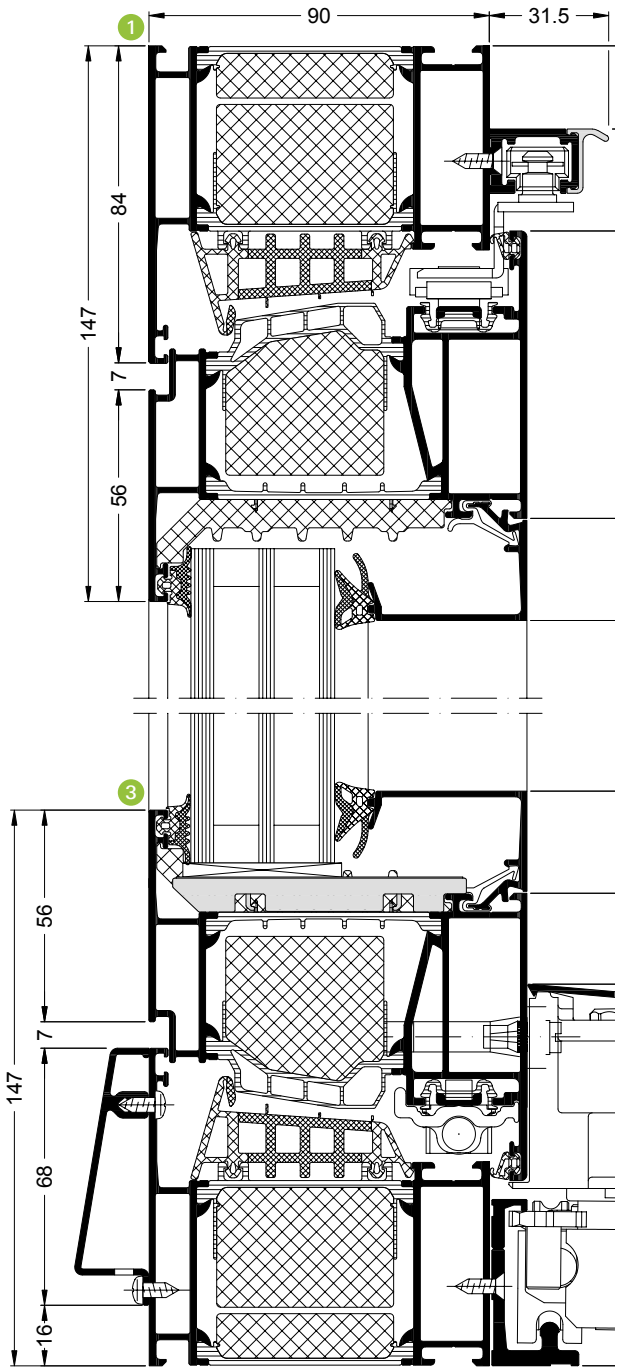




Maßstab 1:2
Scale 1:2

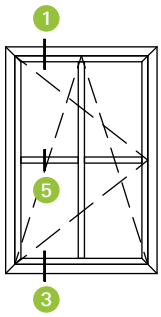
Parallel-Abstell-Schiebe-Kipp-Fensterelement
mit Zwangsan- und -abdruck, maximales Flügelgewicht bis 250 kg
Tilt/slide window unit with engagement mechanism, maximum vent weight up to 250 kg



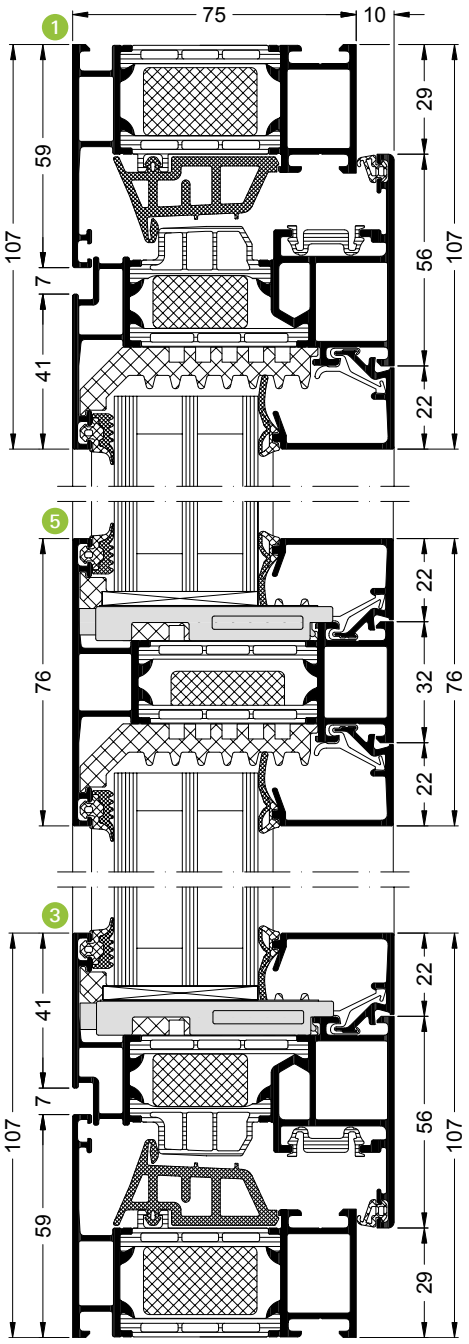


Maßstab 1:2
Scale 1:2

Profilschnitte Schüco Fenster AWS 75.SI+
Profile section details for Schüco Window AWS 75.SI+

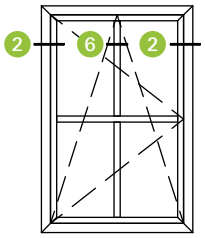


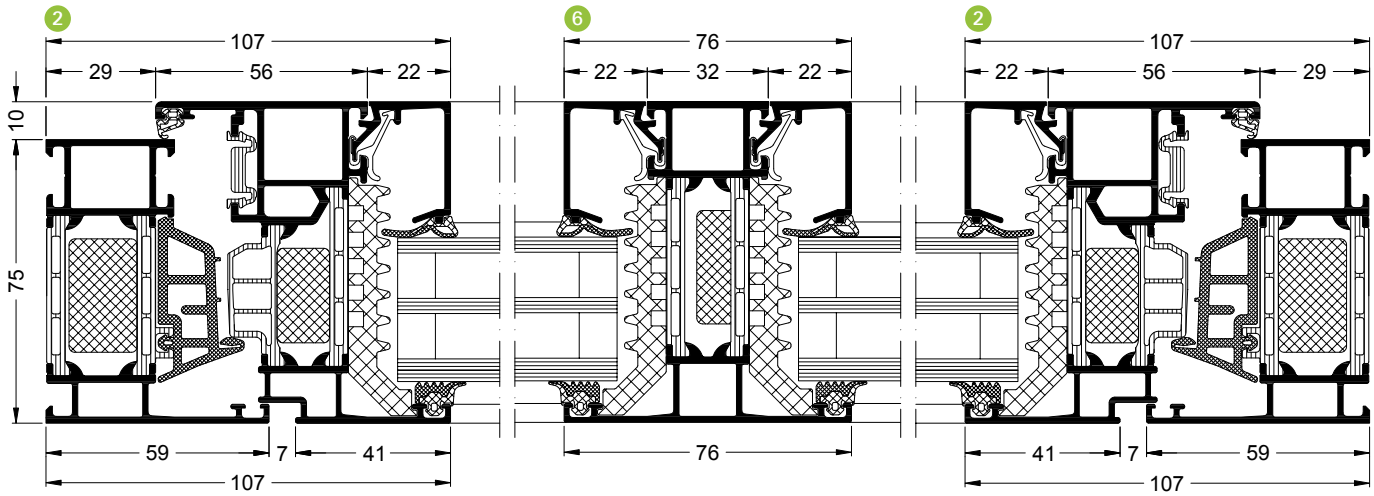
Flügel mit Sprosse
Vent with sash bar



Maßstab 1:2
Scale 1:2

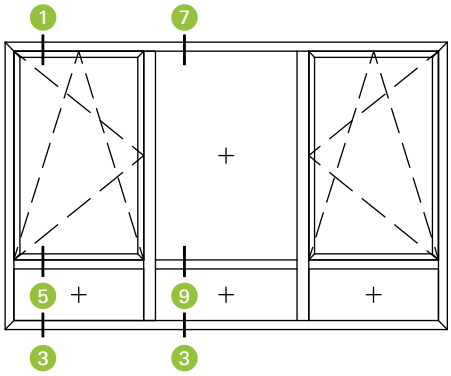
Flügel mit Sprosse
Vent with sash bar

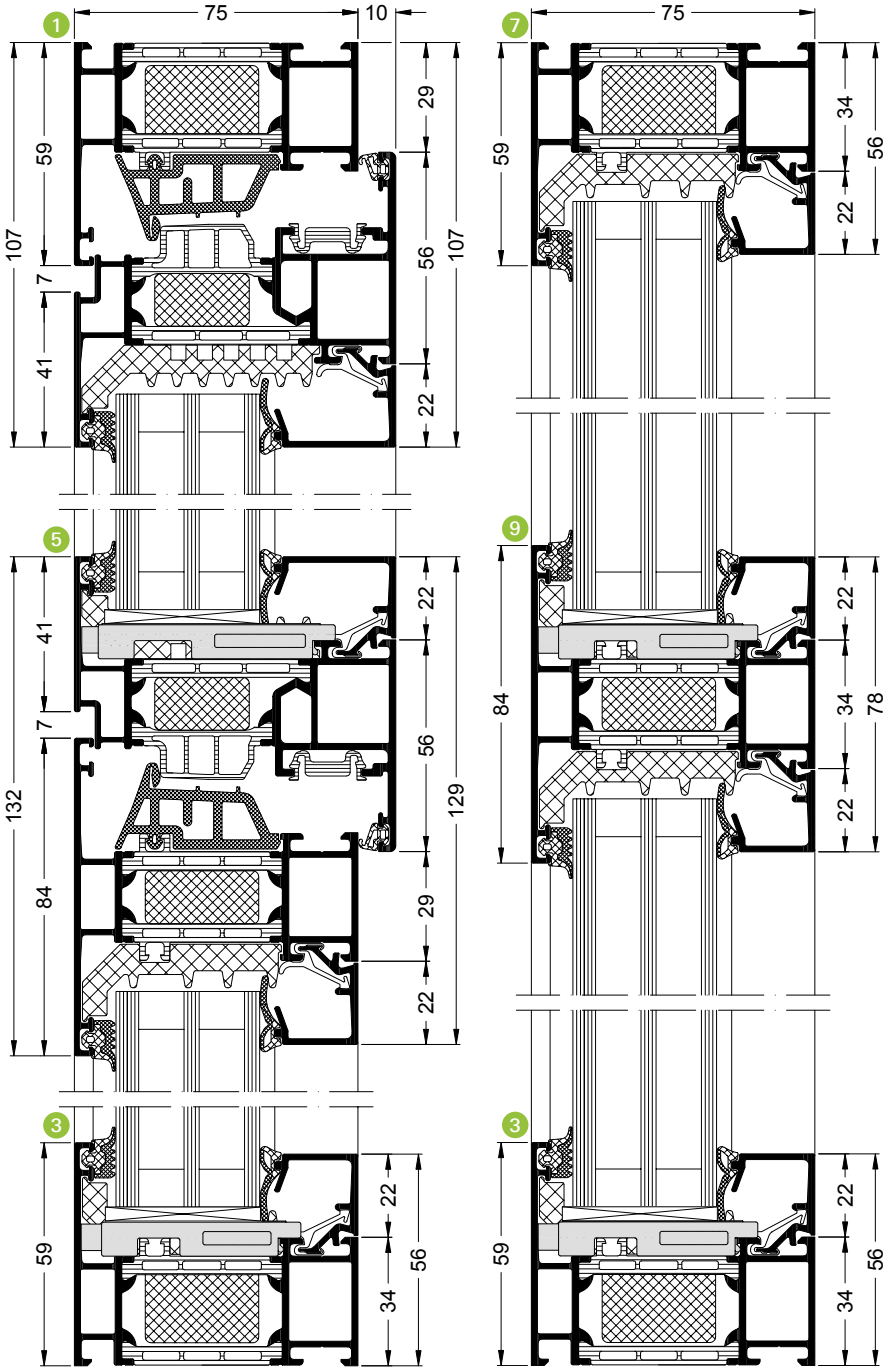




Maßstab 1:2
Scale 1:2

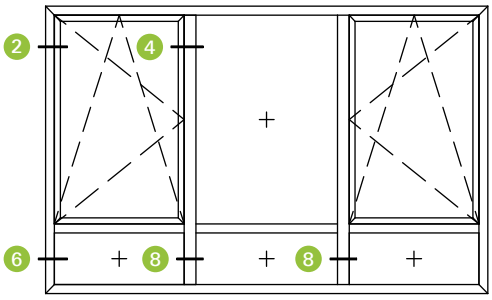
Flügel und Festverglasung
Vent and fixed glazing

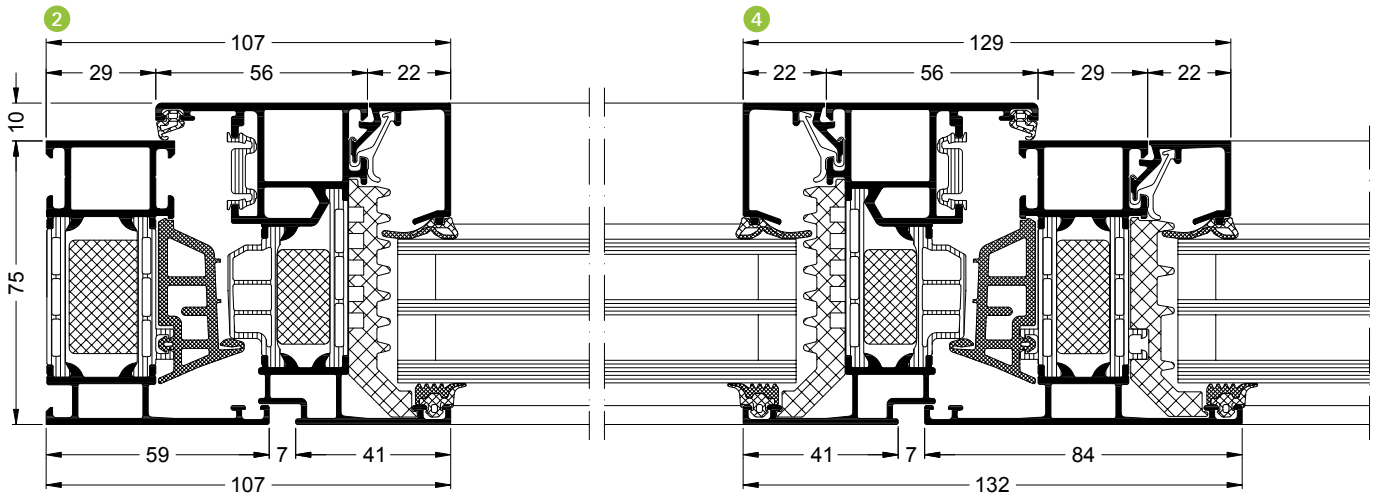


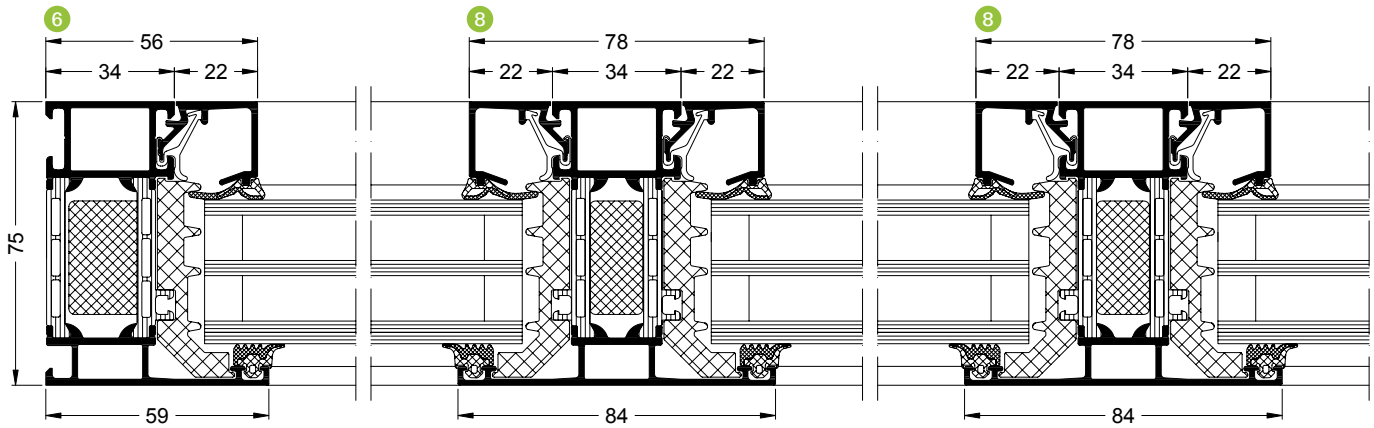


Maßstab 1:2
Scale 1:2

Flügel und Festverglasung
Vent and fixed glazing

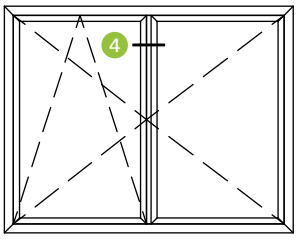


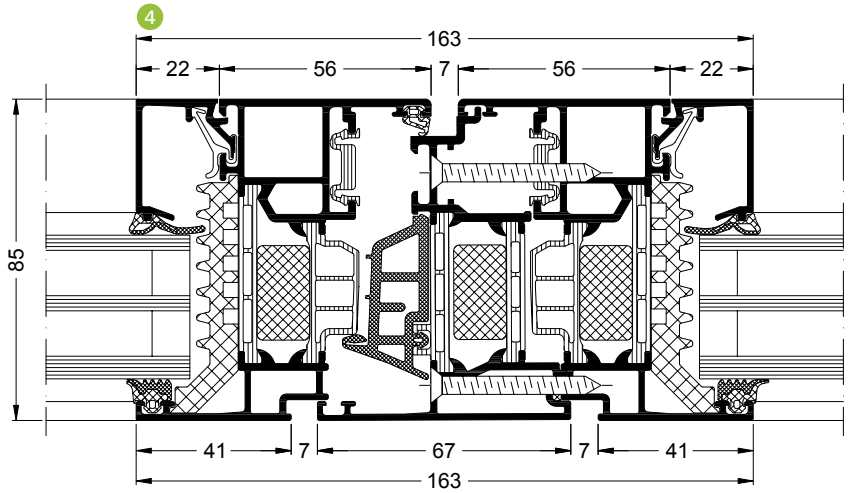




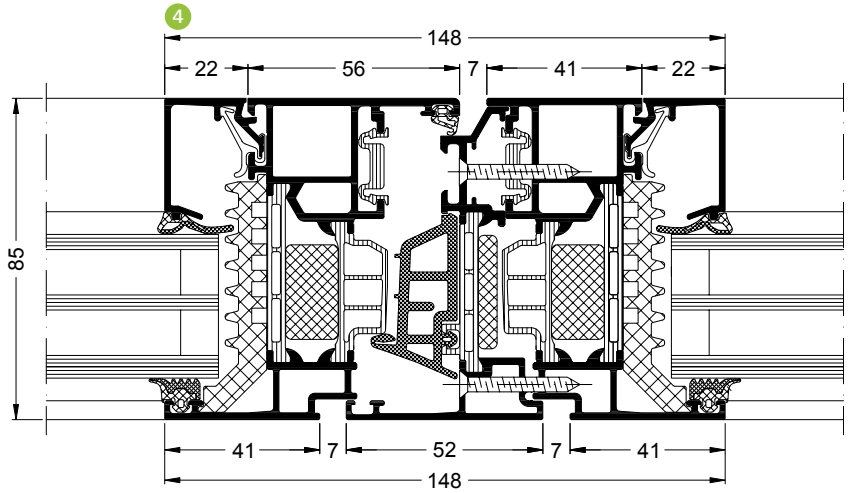
Maßstab 1:2
Scale 1:2

Stulp/Stulp schmal
Double-vent/narrow double-vent





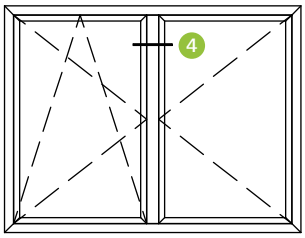
Stulp
Double vent

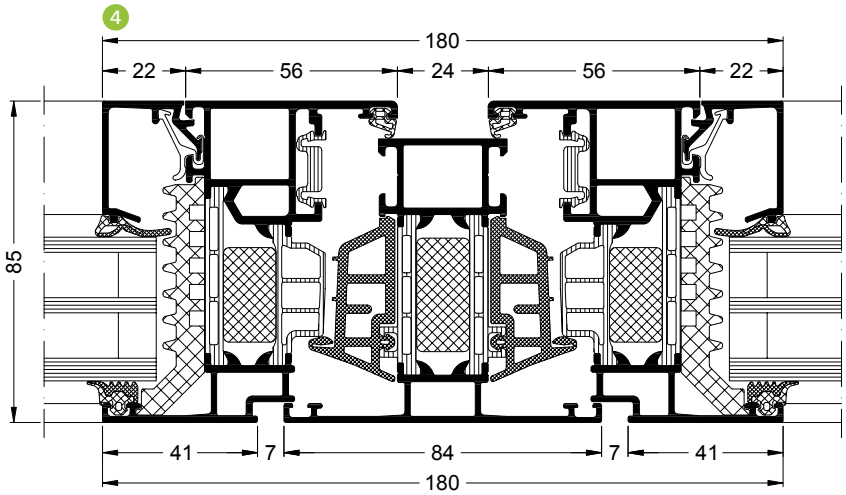


Stulp schmal
Narrow double-vent

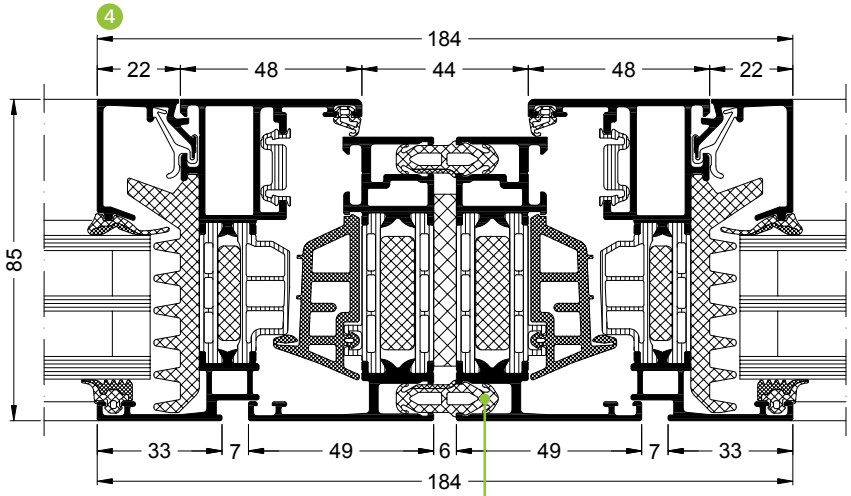
Maßstab 1:2
Scale 1:2

Pfosten/Dehnungsstoß
Mullion/expansion joint





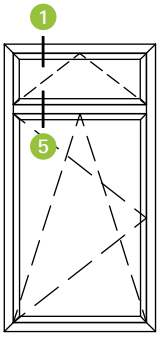
Pfosten
Mullion



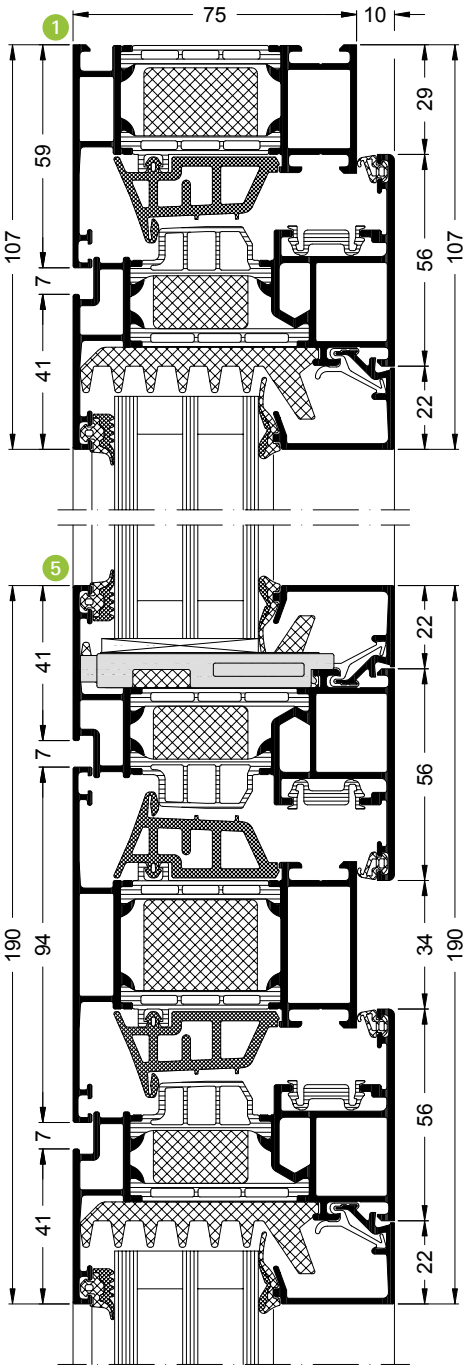
Dehnungsstoß
Expansion joint

Die Ansichtsbreite kann identisch zu Pfosten ohne Dehnungsstoß sein
The face width can be the same as mullions without an expansion joint

Maßstab 1:2
Scale 1:2

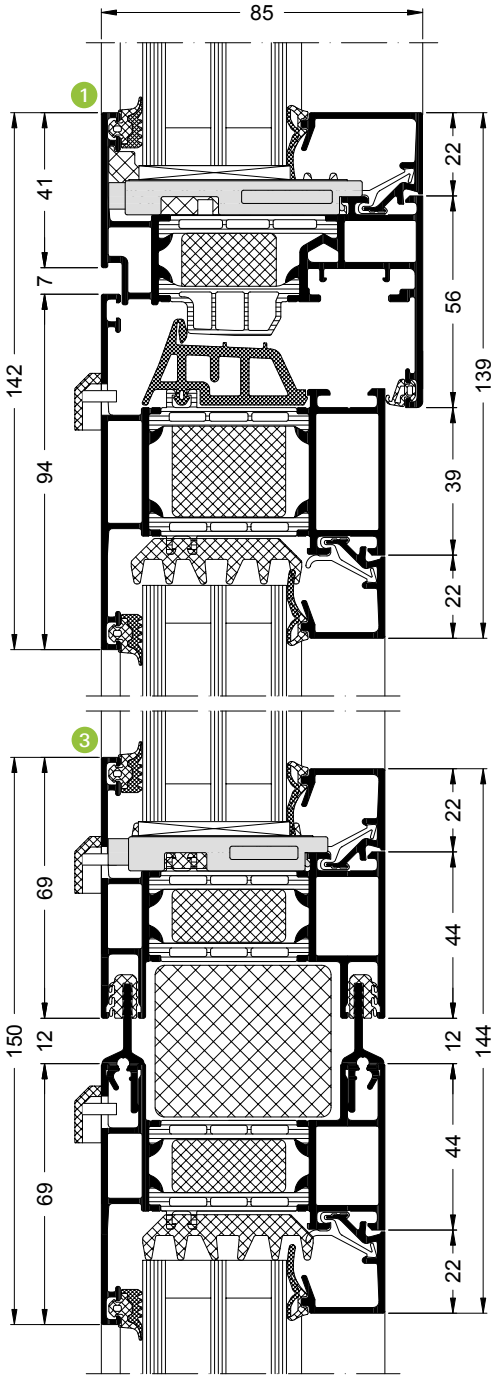


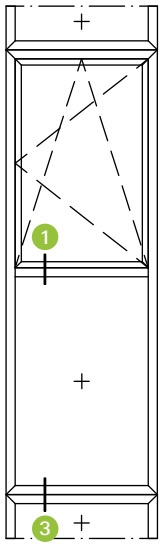
Flügel und Oberlicht
Vent and toplight



Maßstab 1:2
Scale 1:2

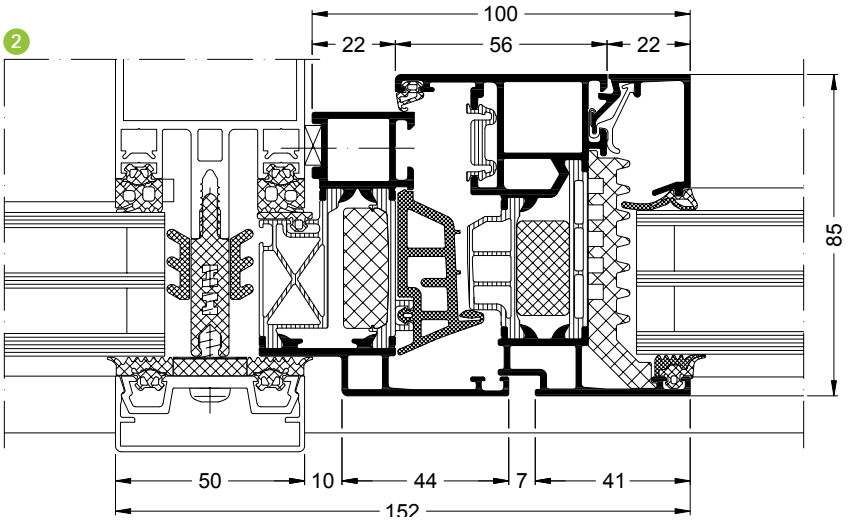
Stapelfassade
Strip window construction

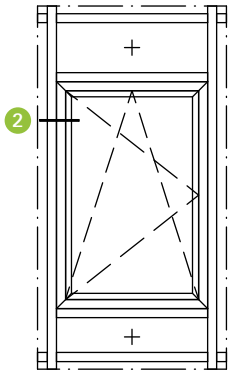




Maßstab 1:2
Scale 1:2

Einsatzblendrahmen für Fassaden
Insert outer frame for façades

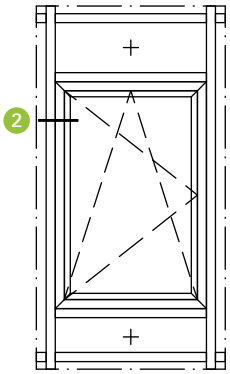


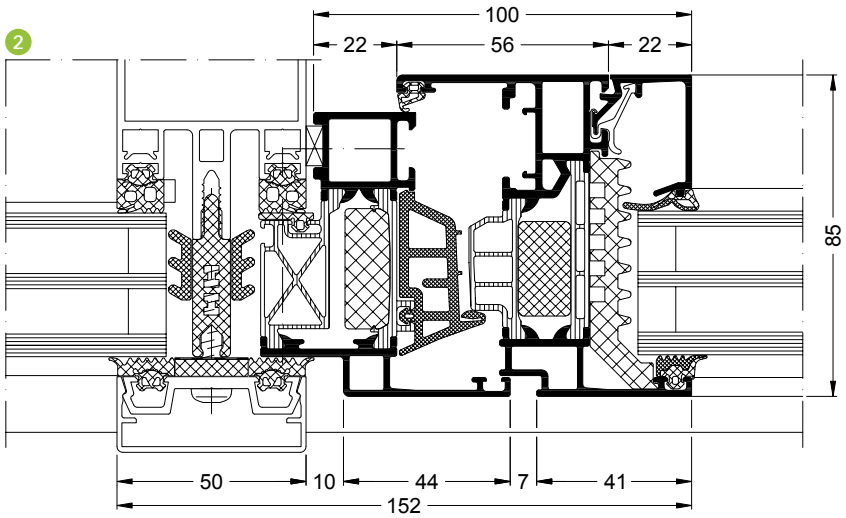


Maßstab 1:2
Scale 1:2

Einsatzblendrahmen für Fassaden – Flügelprofil Schüco TipTronic

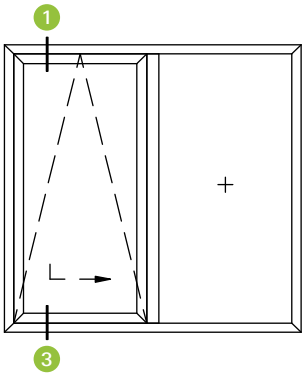
Insert outer frame for façades – Schüco TipTronic vent profile

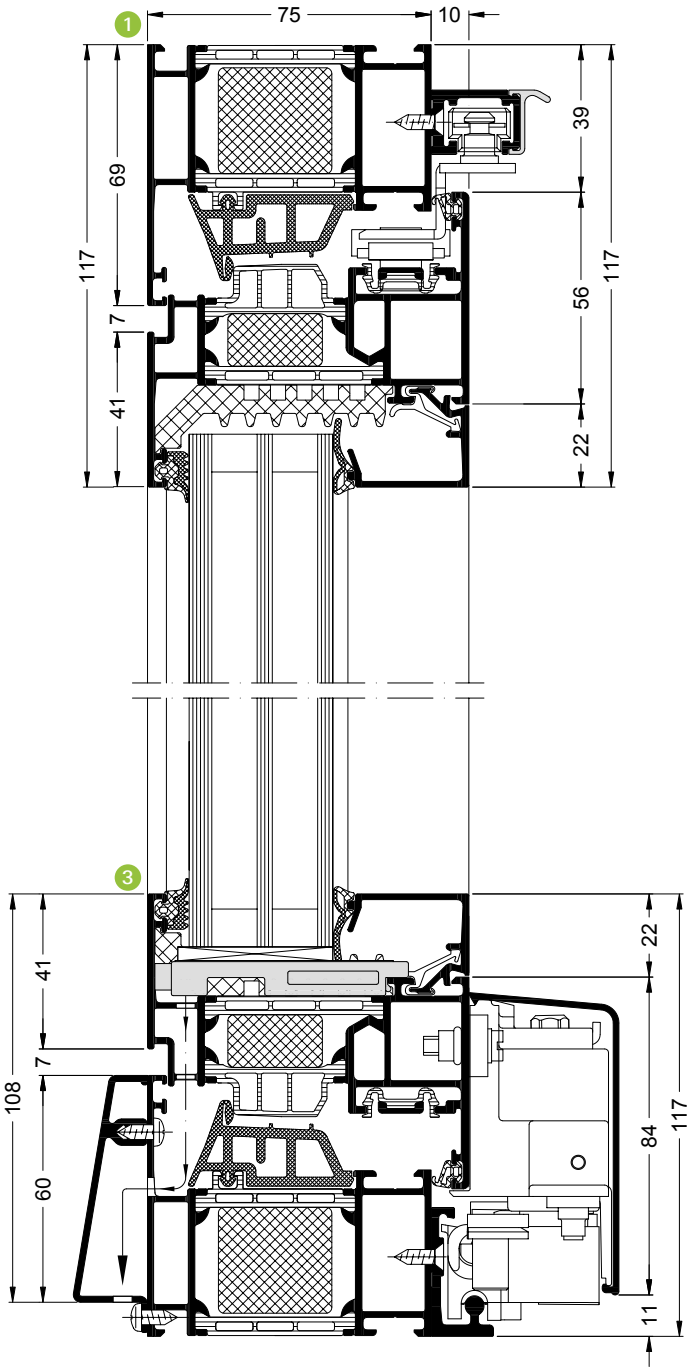




Maßstab 1:2
Scale 1:2

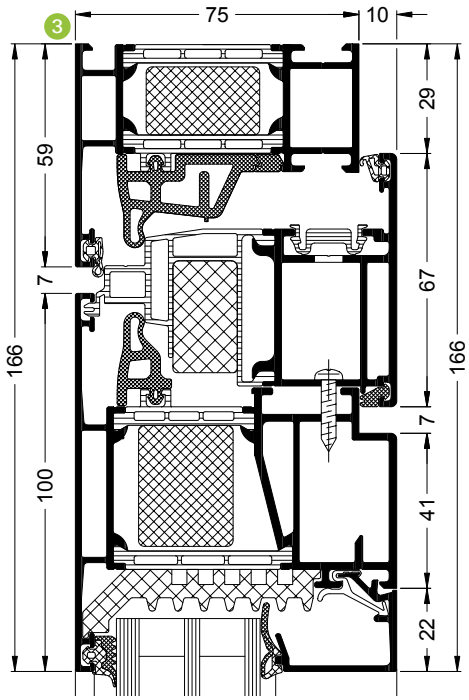
Parallel-Abstell-Schiebe-Kippflügel mit Zwangsandruck
Tilt/slide vent with engagement mechanism



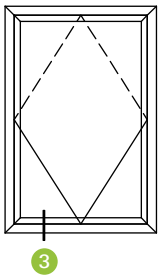


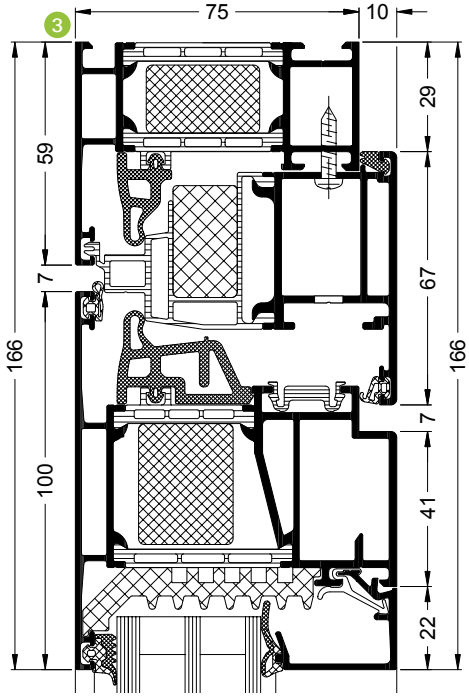
Maßstab 1:2
Scale 1:2

Schwing- und Wendeflügel
Horizontal and vertical pivot vents

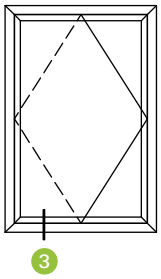


Schwingflügel
Horizontal pivot vent



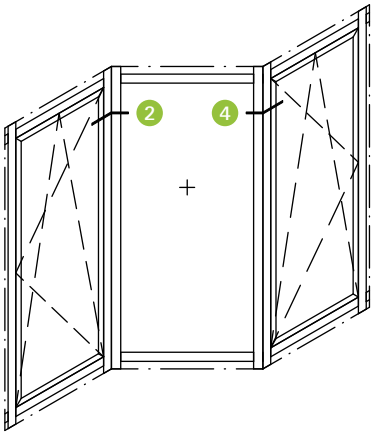


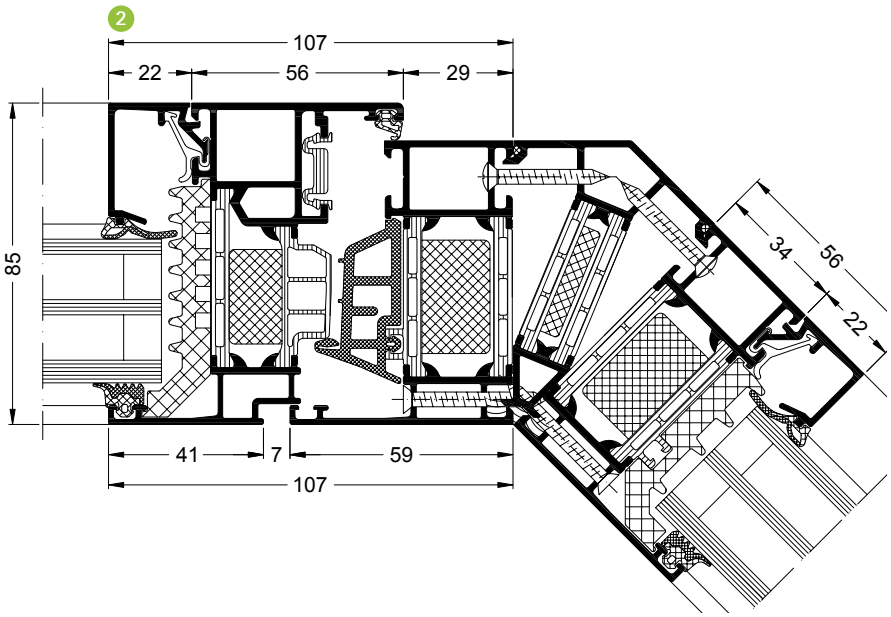
Wendeflügel
Vertical pivot vent

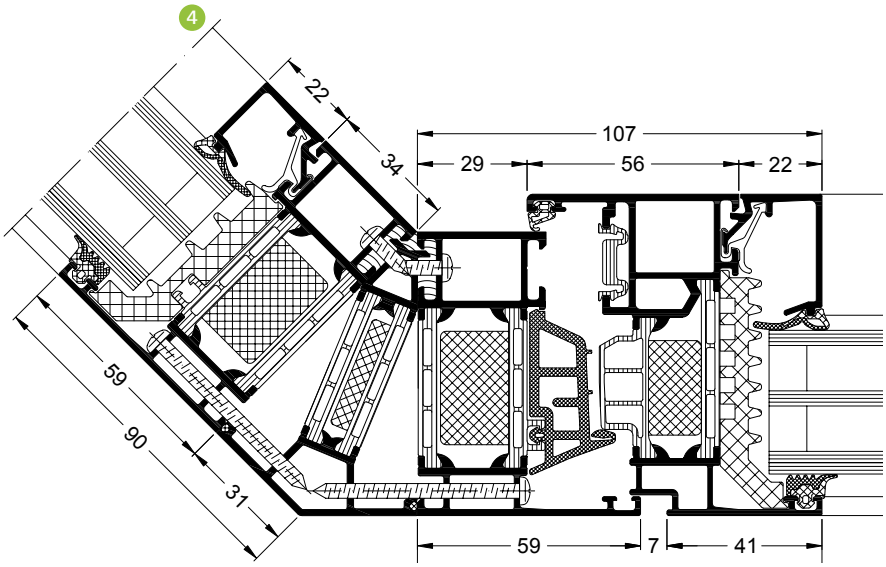


Maßstab 1:2
Scale 1:2

Eckpfosten 135°
135° corner mullion

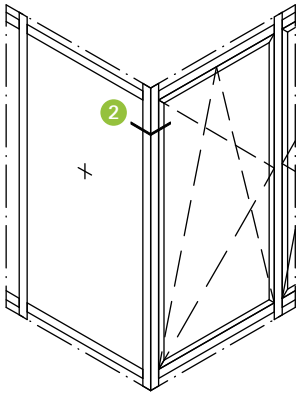


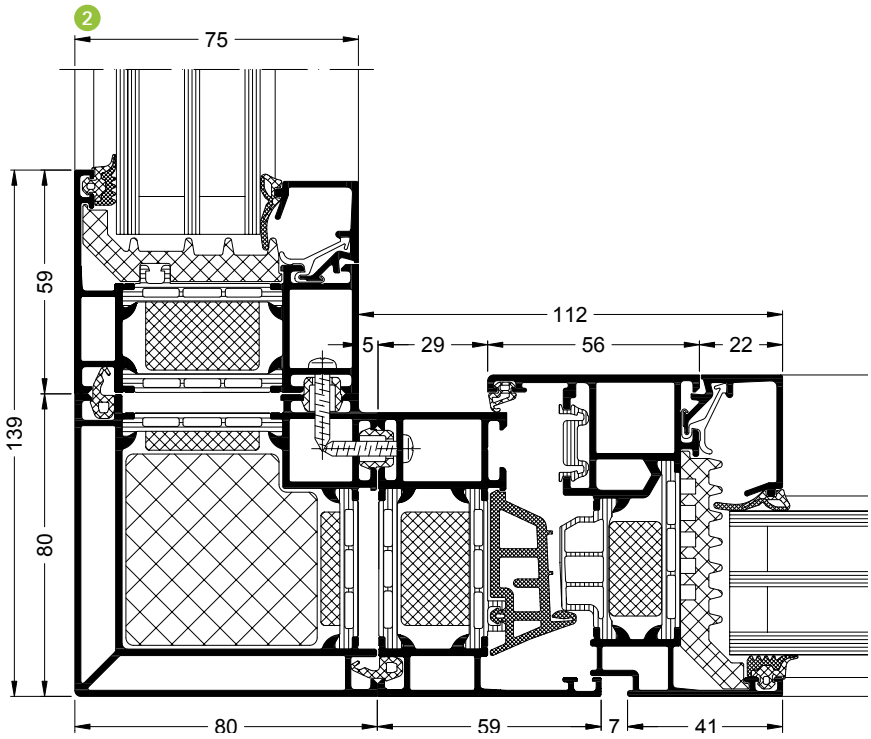




Maßstab 1:2
Scale 1:2

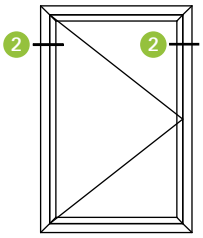
Eckpfosten 90°
90° corner mullion

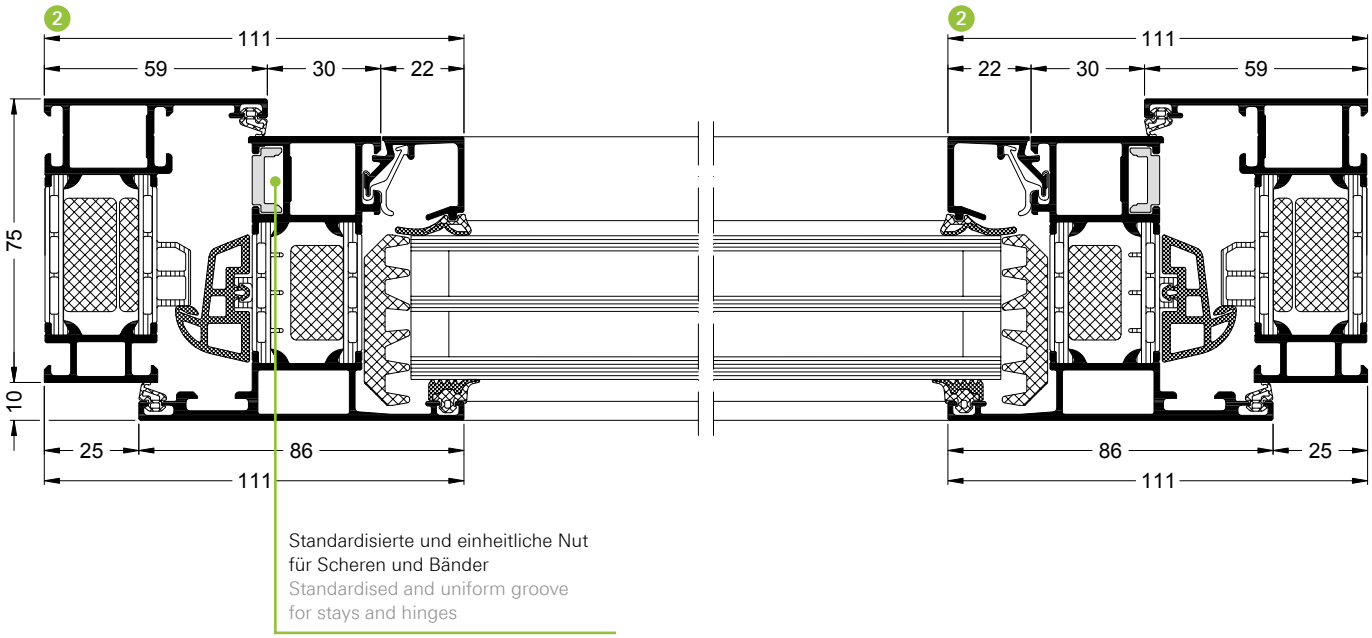




Maßstab 1:2
Scale 1:2

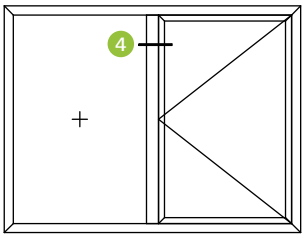
Flügel, außen öffnend
Vent, outward-opening

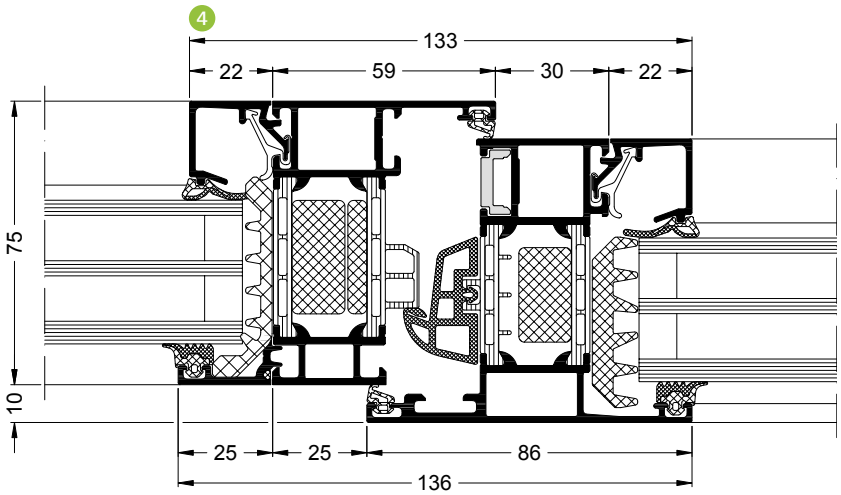




Maßstab 1:2
Scale 1:2

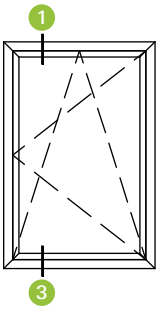
Flügel mit Festfeld, außen öffnend
Vent with fixed light, outward-opening





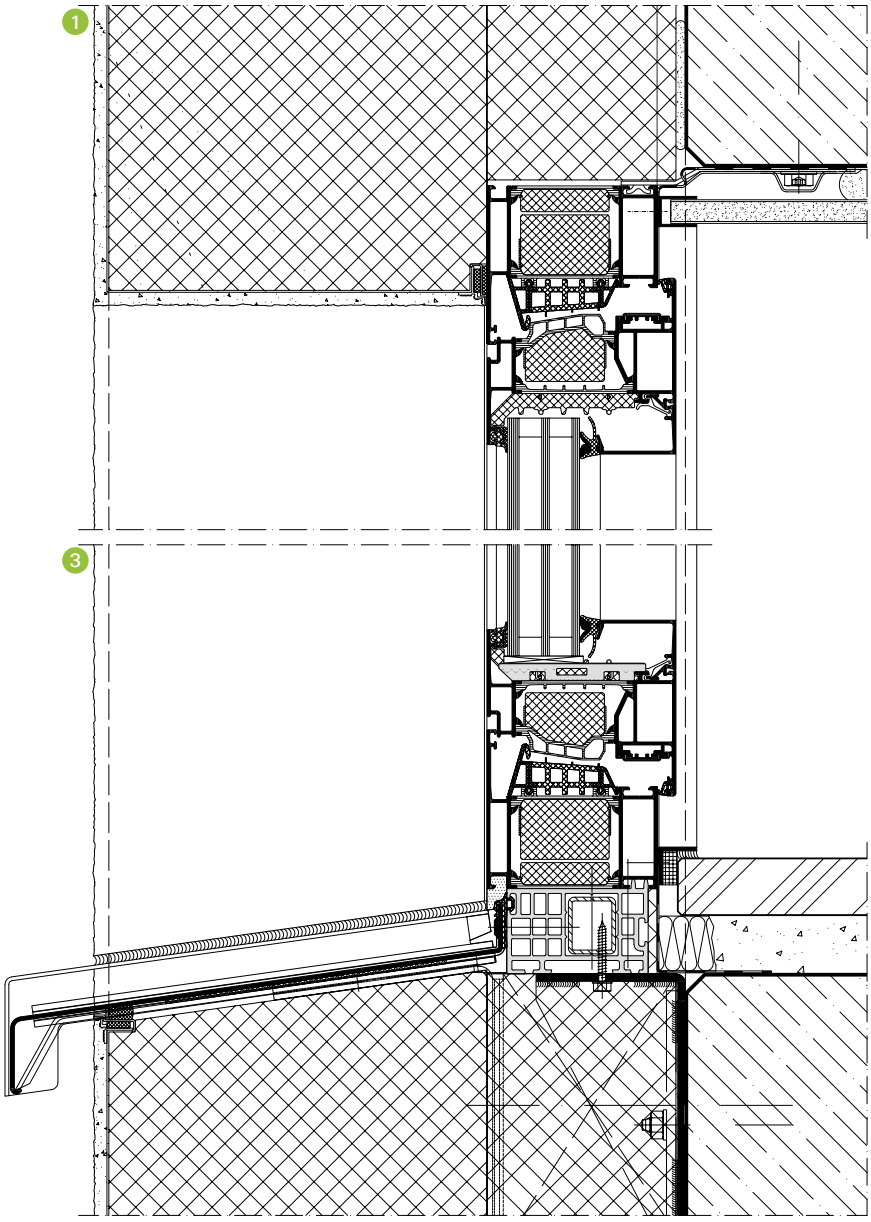
Maßstab 1:2
Scale 1:2

Baukörperanschlüsse
Attachments to building structure



Schüco Fenster AWS 90.SI+, Passivhaus geeigneter Baukörperanschluss
Schüco Window AWS 90.SI+, attachment to building structure to suit passive house requirements

TW142-1

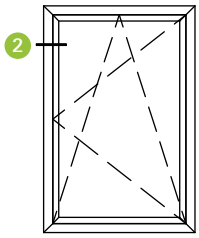


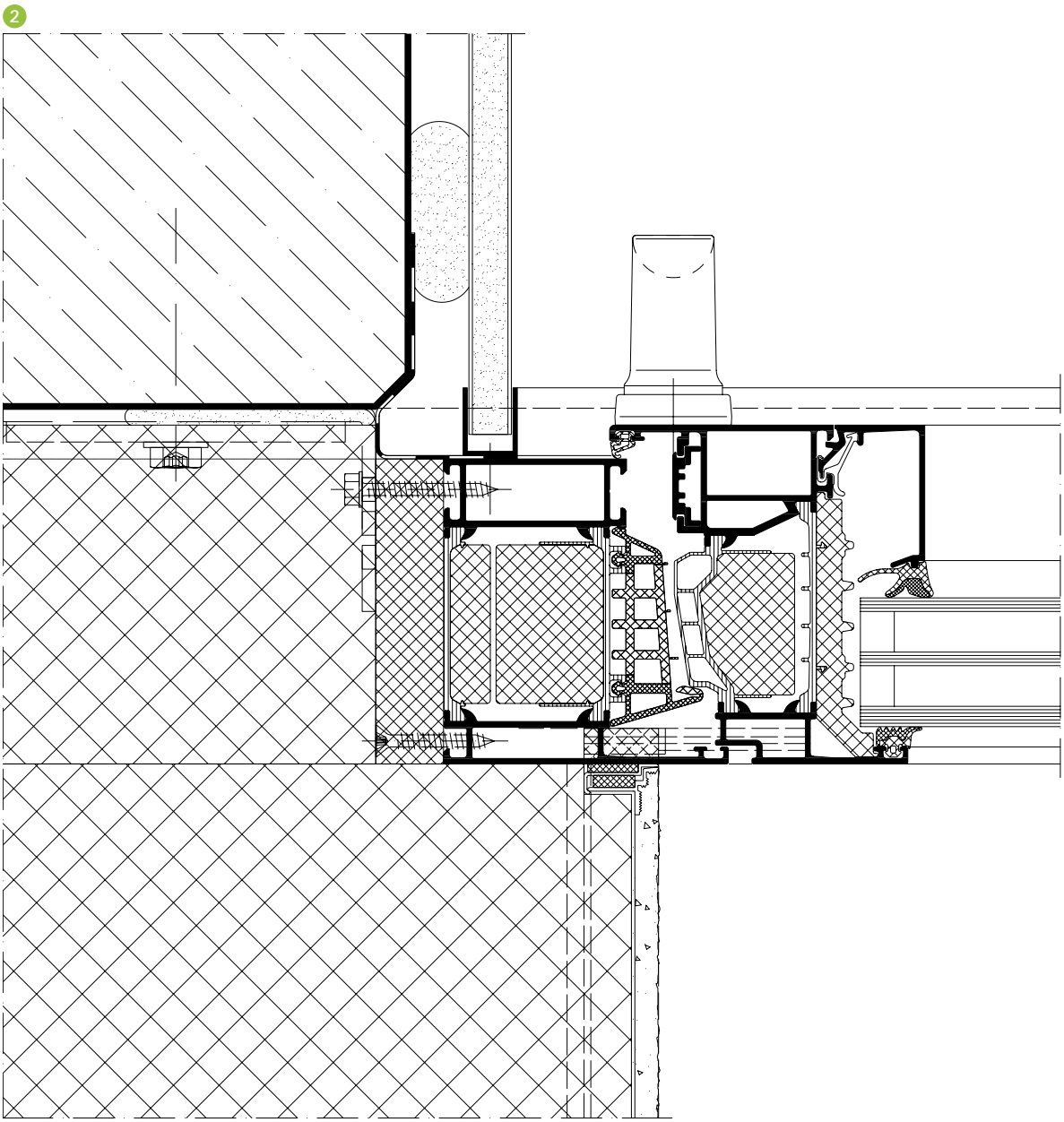
BW142-1

Alle in dieser Dokumentation gezeigten Baukörperanschlüsse haben eine Kennung. Die entsprechenden Zeichnungen, zusammen mit den Ausschreibungstexten, finden Sie zum Download im Service-Bereich unserer Homepage unter www.schueco.de/ba

All of the attachments to building structures shown in this document have a code identifier. The corresponding drawings, together with the specifications, are available to download from the Service area of our homepage at www.schueco.de/ab

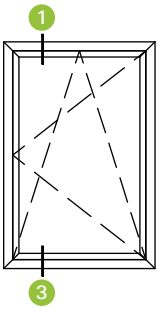
Maßstab 1:4
Scale 1:4





SW142-1

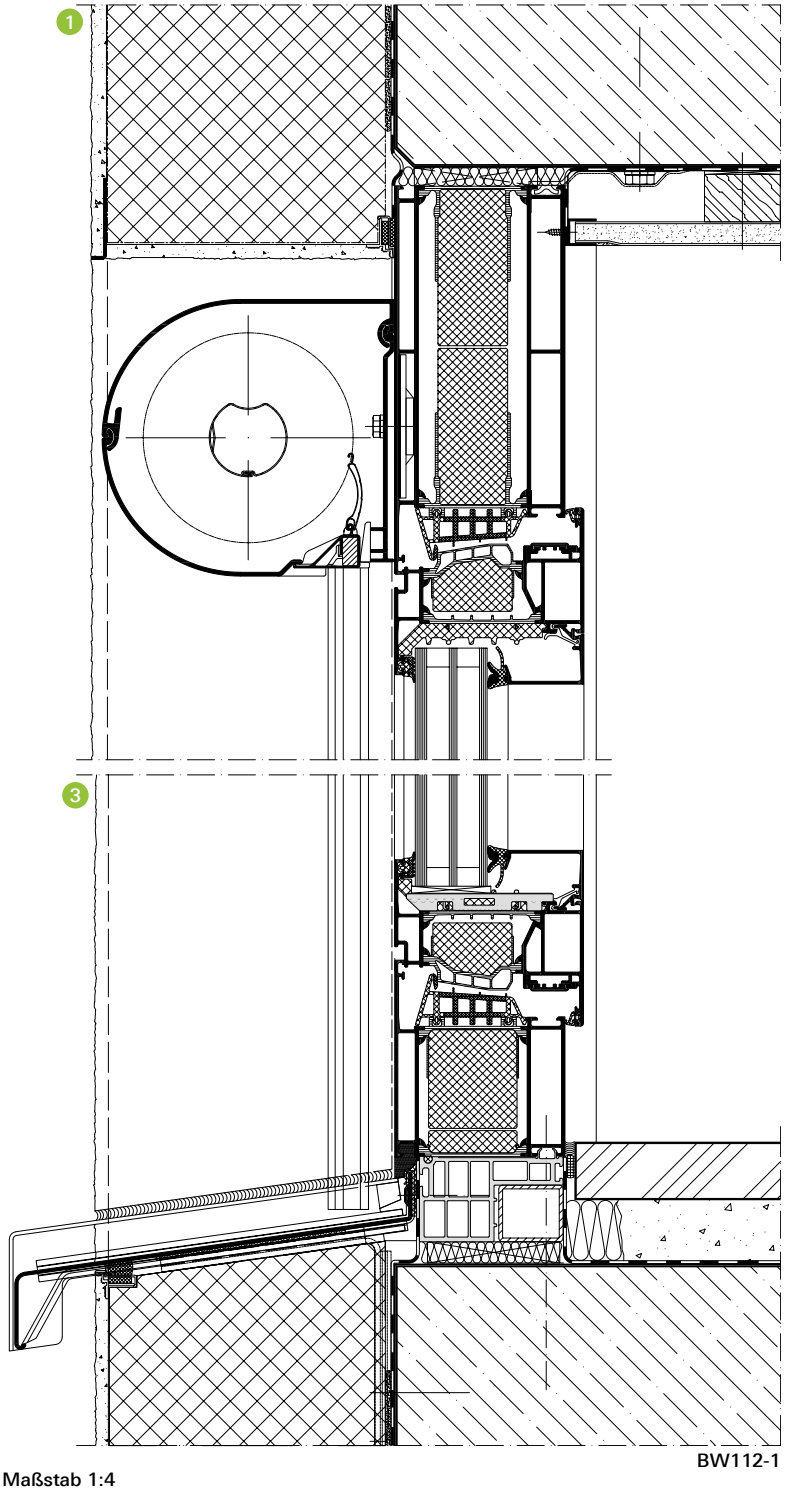
Maßstab 1:2
Scale 1:2



Schüco Fenster AWS 90.SI+, Baukörperanschluss mit vorgesetztem Rollladen und Wärmedämmverbundsystem

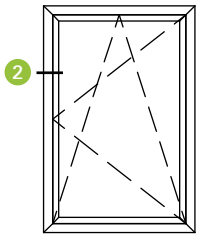
Schüco Window AWS 90.SI+, attachment to building structure with façade-mounted roller shutters and composite thermal insulation system

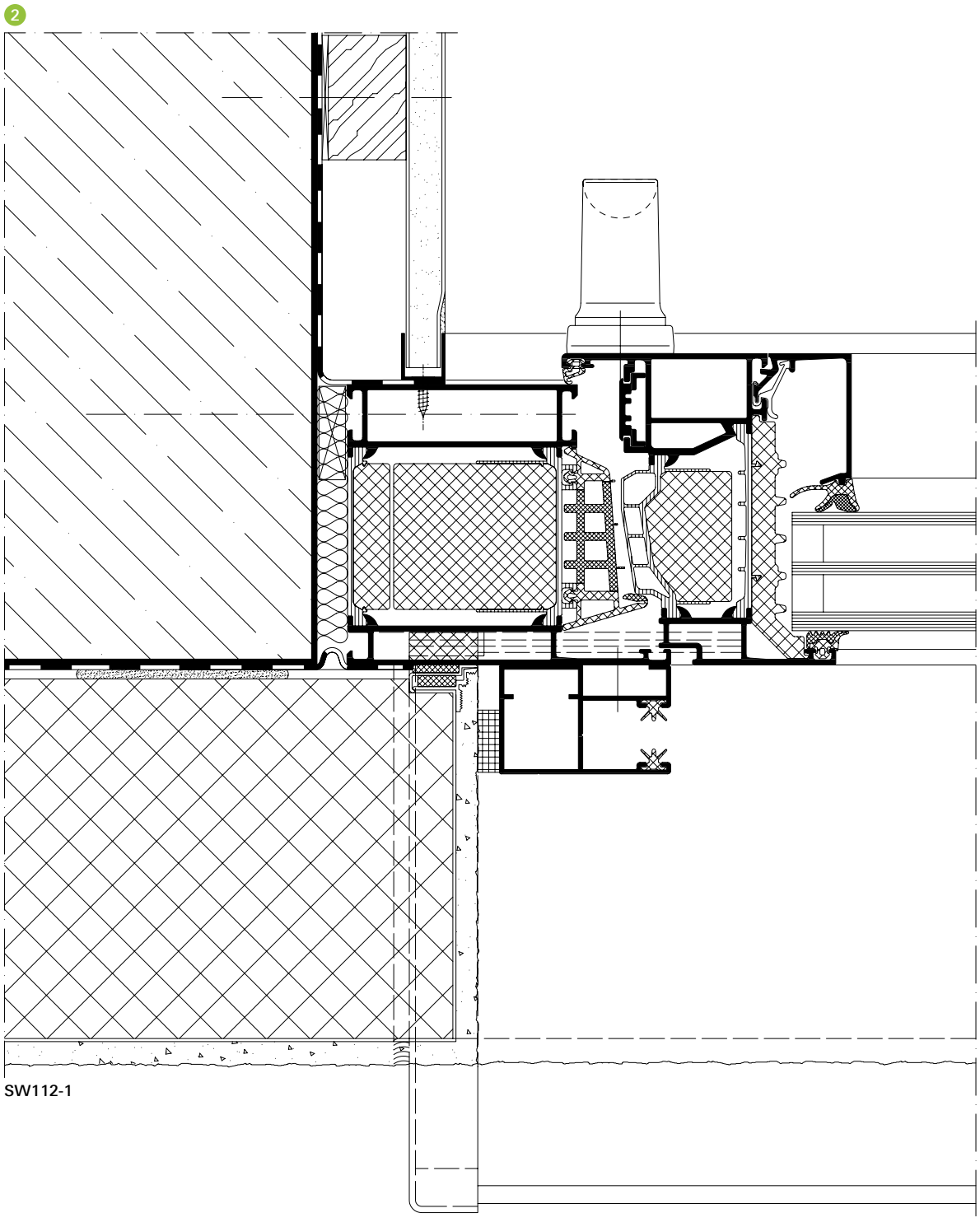
TW112-1



BW112-1

Maßstab 1:4
Scale 1:4

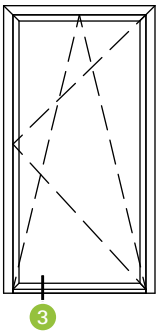


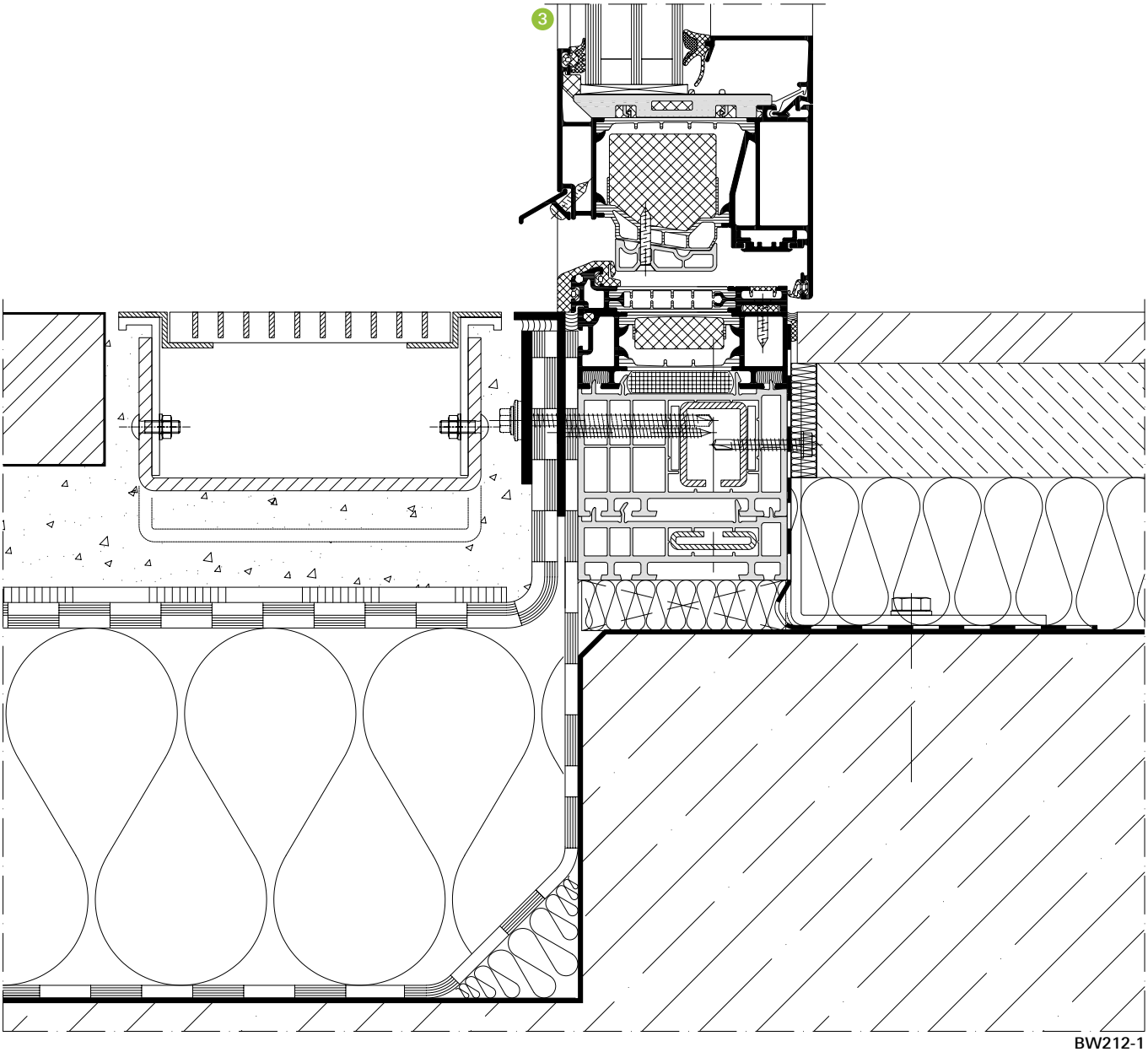


SW112-1

Maßstab 1:2
Scale 1:2

Schüco Fenster AWS 90.SI+, unterer Baukörperanschluss mit barrierefreier Schwelle
Schüco Window AWS 90.SI+, bottom attachment to building structure with easy-access threshold

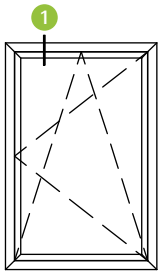


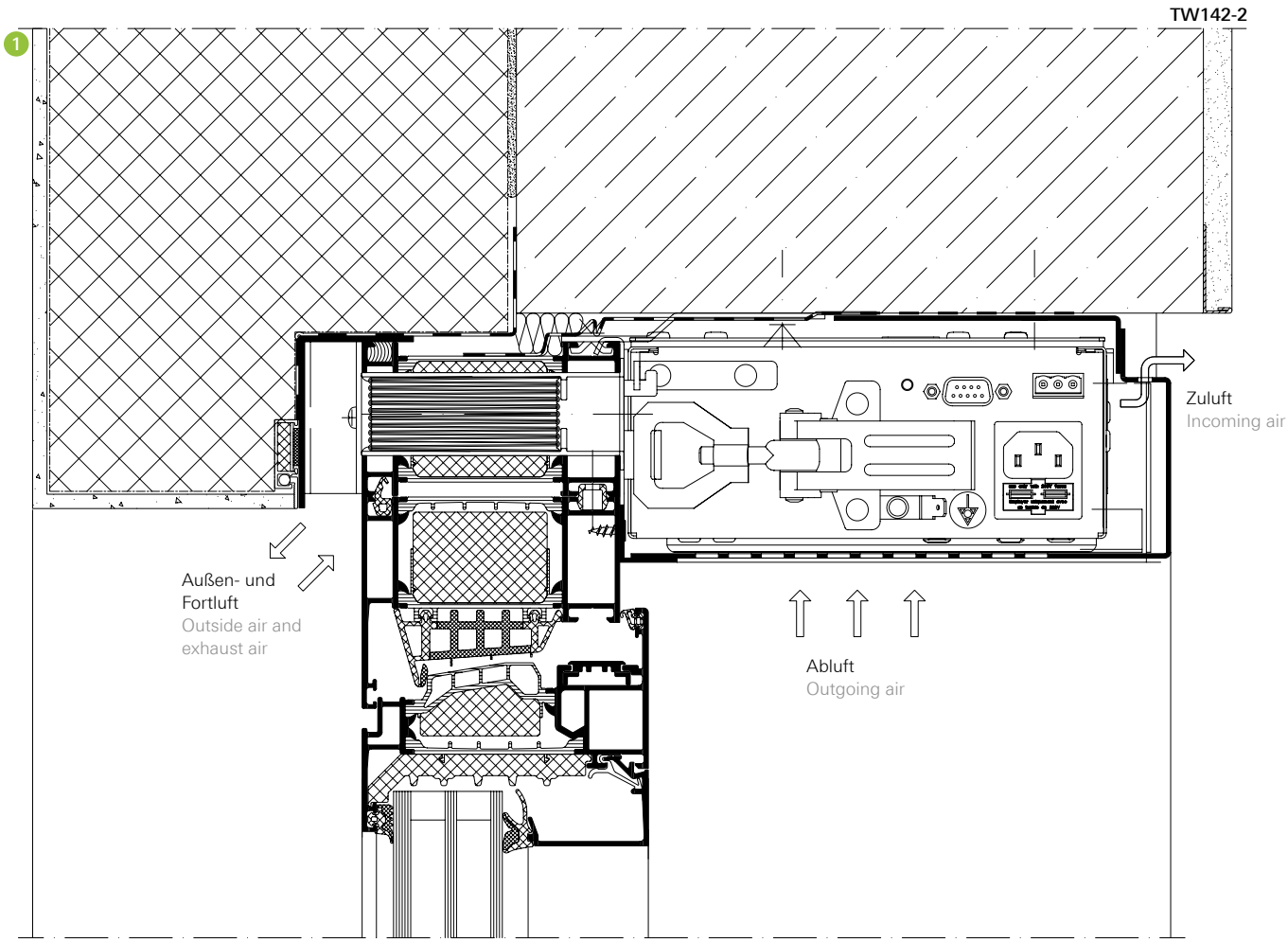


BW212-1

Maßstab 1:2,5
Scale 1:2.5

Schüco Fenster AWS 90.SI+, oberer Baukörperanschluss mit Schüco VentoTherm und Wärmedämmverbundsystem
Schüco Window AWS 90.SI+, top attachment to building structure with Schüco VentoTherm and composite thermal insulation system

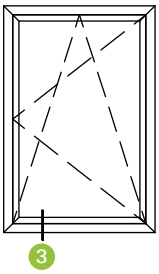


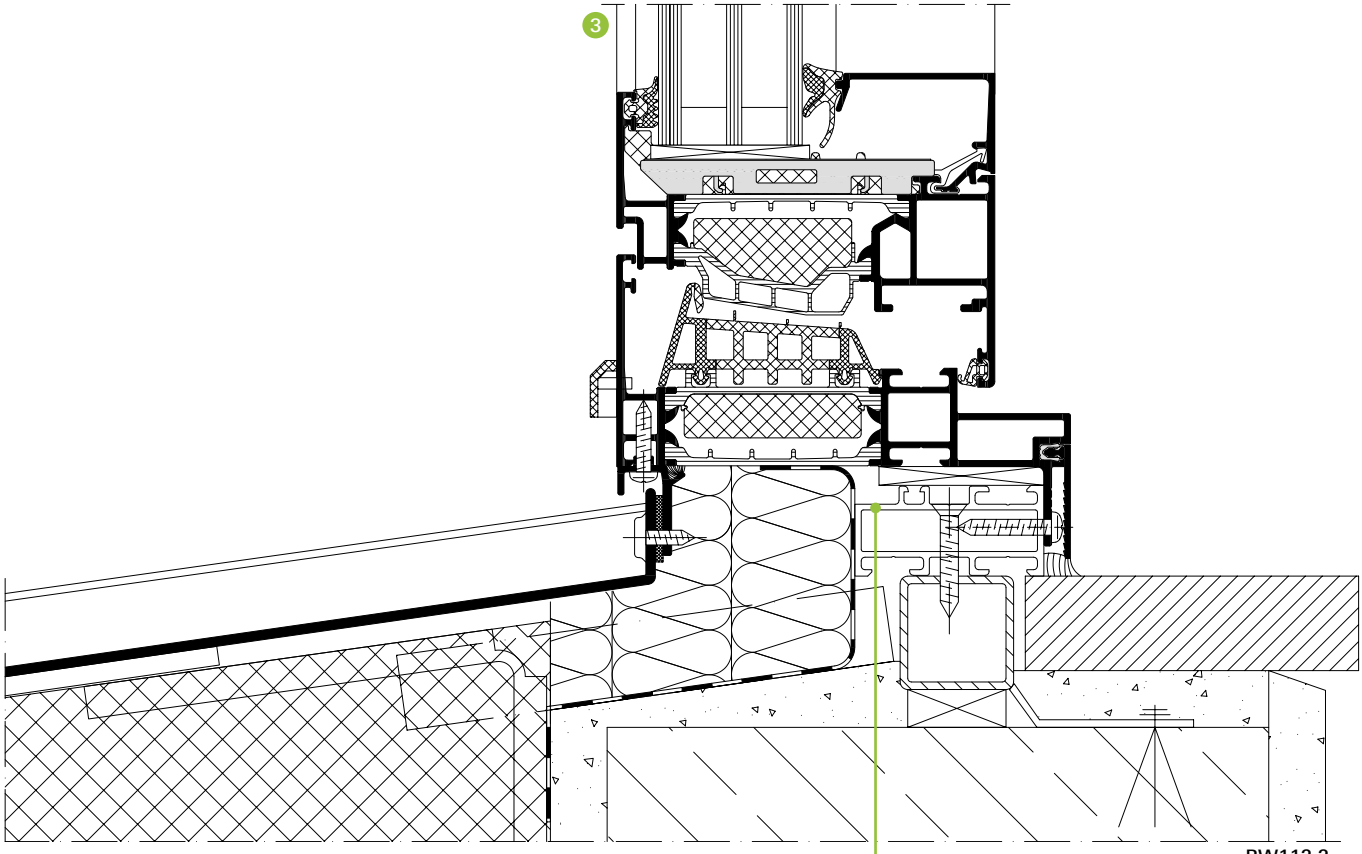


Maßstab 1:2,5
Scale 1:2.5

Schüco Fenster AWS 90.SI+, Brüstungsanschluss mit Modernisierungsblendrahmen

Schüco Window AWS 90.SI+, spandrel attachment with modernisation outer frame

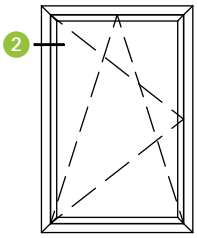


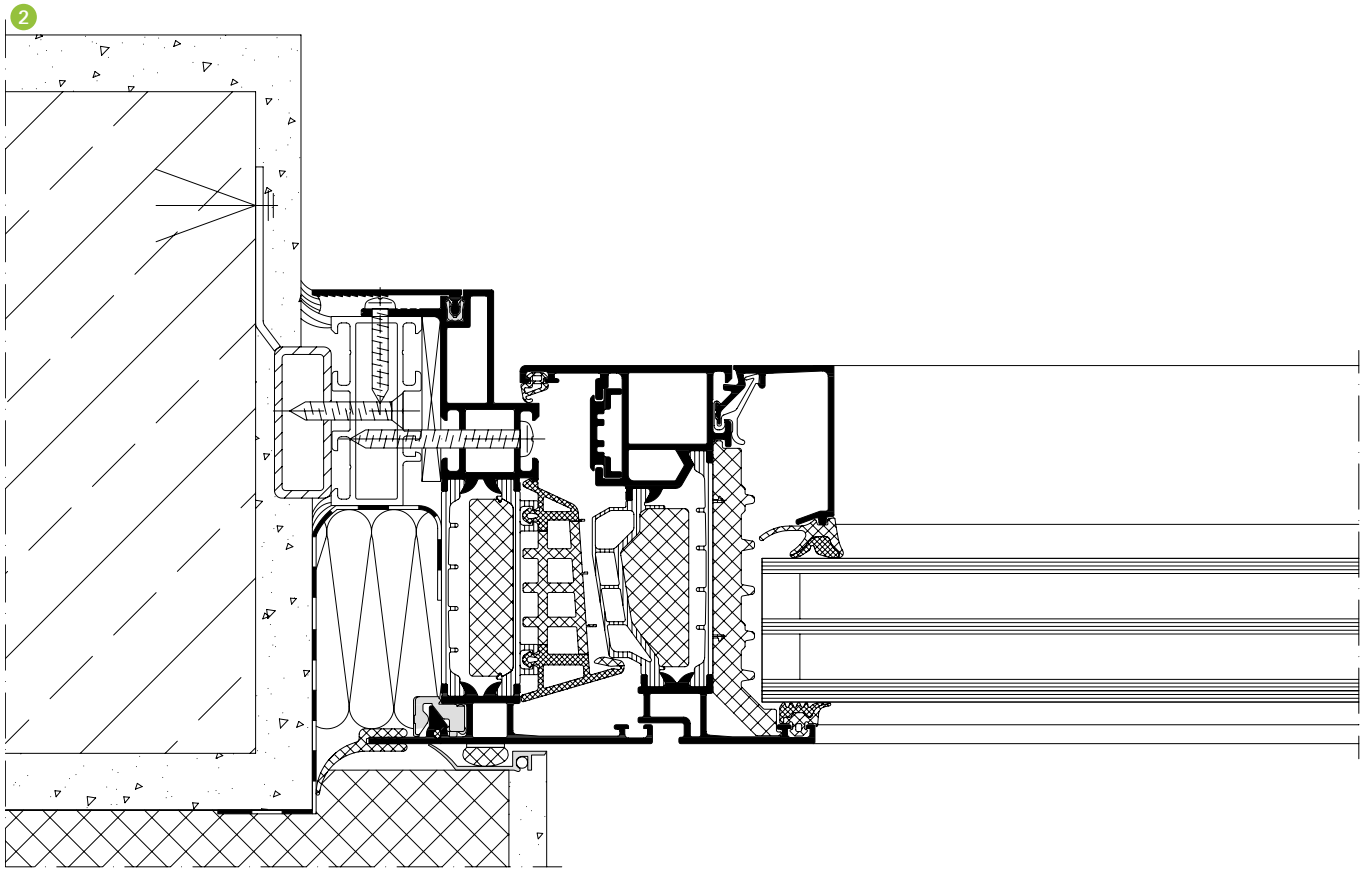


Die Montage des Modernisierungsblend-rahmens erfolgt auf dem zuvor gekappten Bestandsblendrahmen
The modernisation outer frame is installed on the existing outer frame which has been prepared in advance

Maßstab 1:2
Scale 1:2

Schüco Fenster AWS 90.SI+, seitlicher Wandanschluss mit Modernisierungsblendrahmen
Schüco Window AWS 90.SI+, side wall attachment with modernisation outer frame

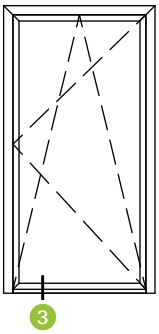


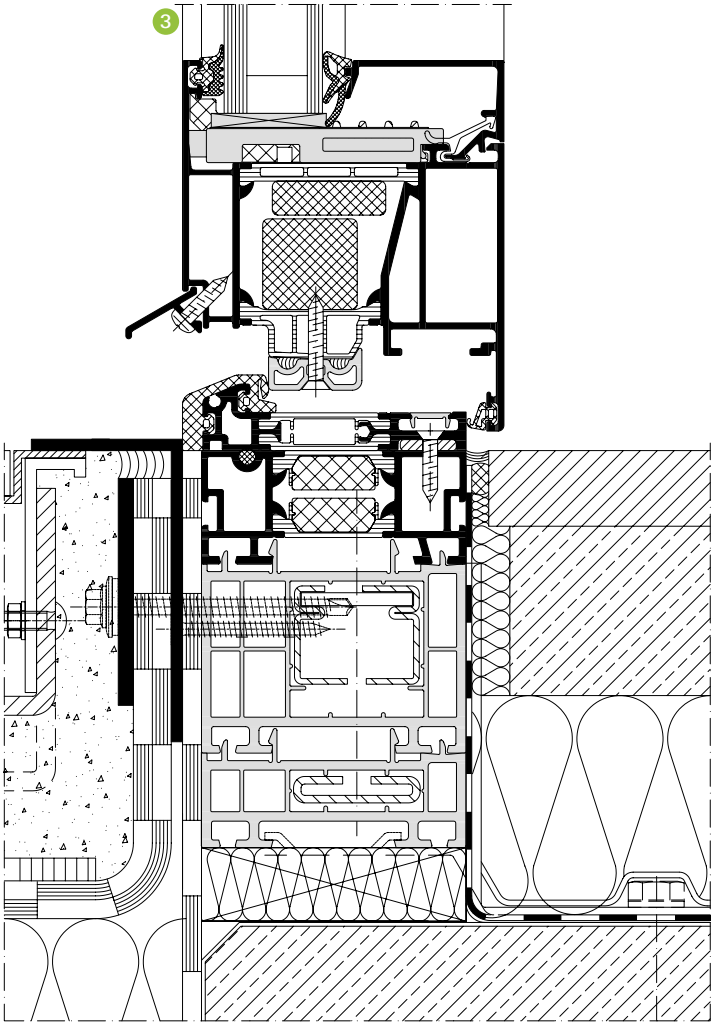


SW112-2

Maßstab 1:2
Scale 1:2

Schüco Fenster AWS 75.SI+, barrierefreies Durchgangselement
Schüco Window AWS 75.SI+, easy-access door/window

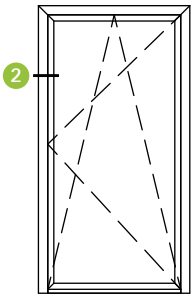


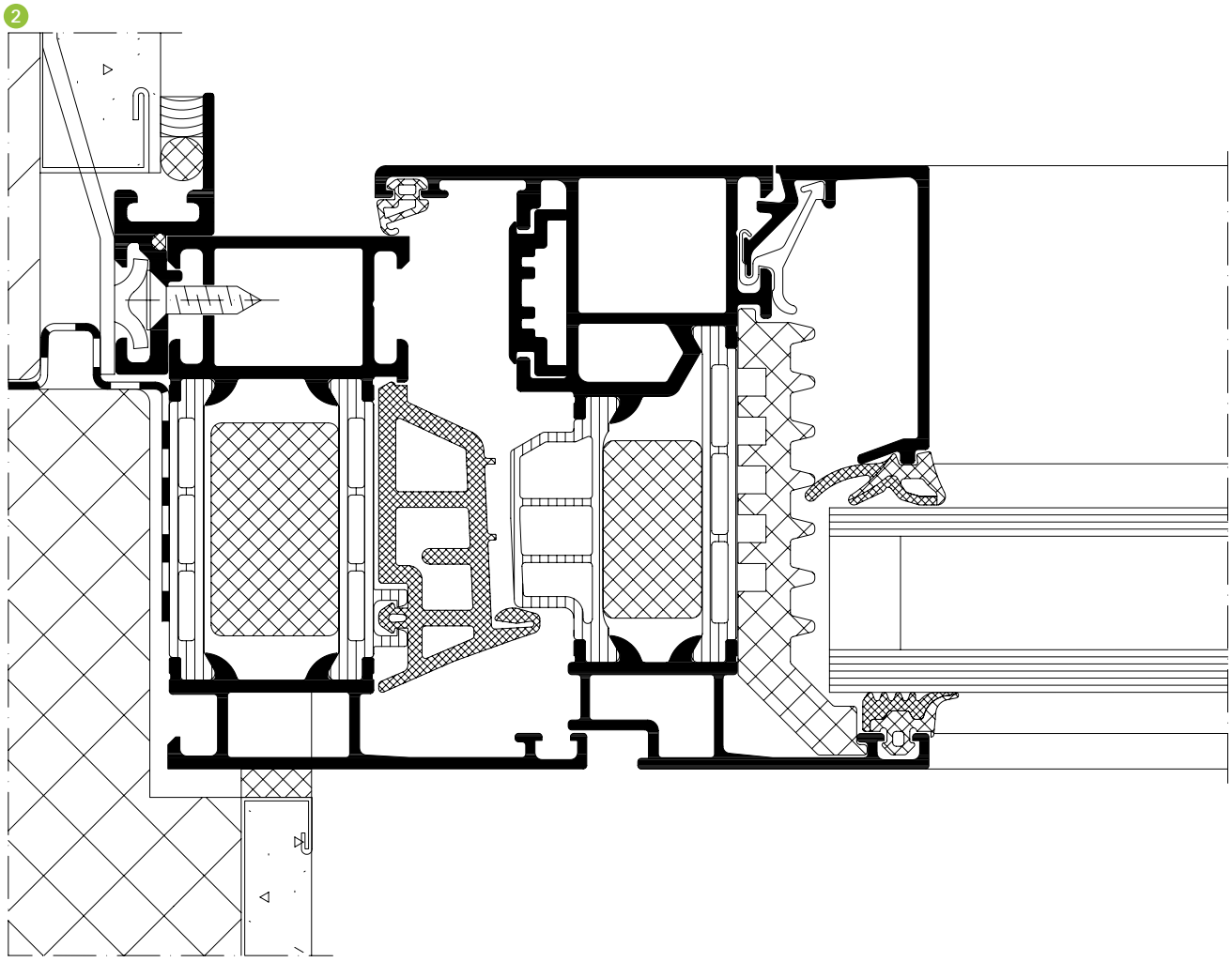


BW211-1

Maßstab 1:2
Scale 1:2

Schüco Fenster AWS 75.SI+, seitlicher Anschluss
Schüco Window AWS 75.SI+, side attachment



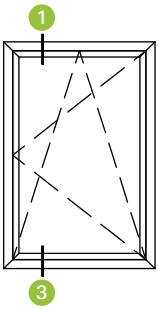


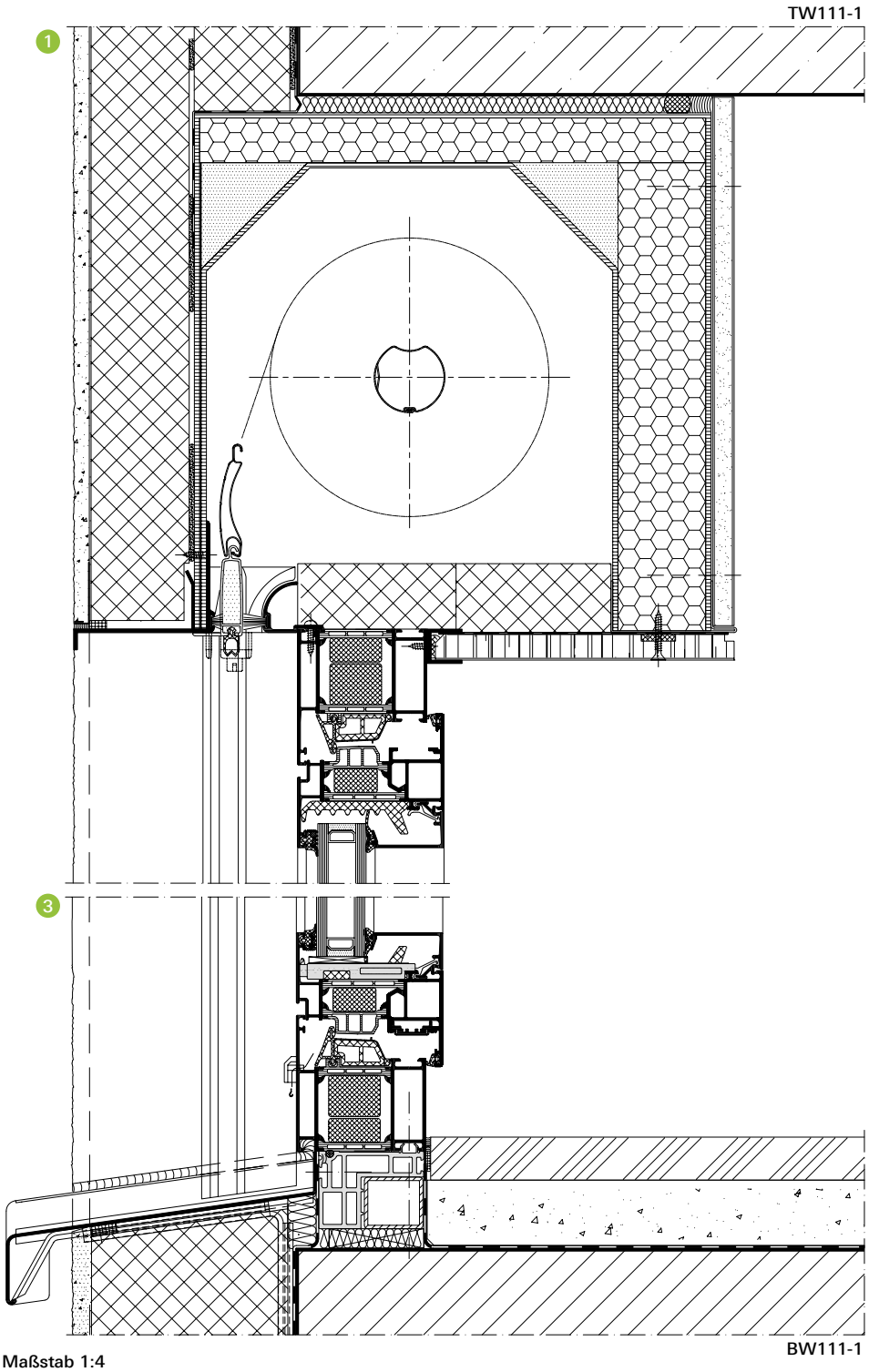
SW141-1

Maßstab 1:1
Scale 1:1

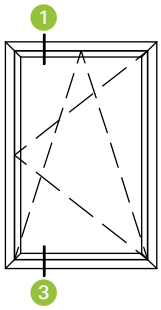
Schüco Fenster AWS 75.SI+, Baukörperanschluss mit integriertem Rollladen und Wärmedämmverbundsystem

Schüco Window AWS 75.SI+, attachment to building structure with integrated roller shutters and composite thermal insulation system



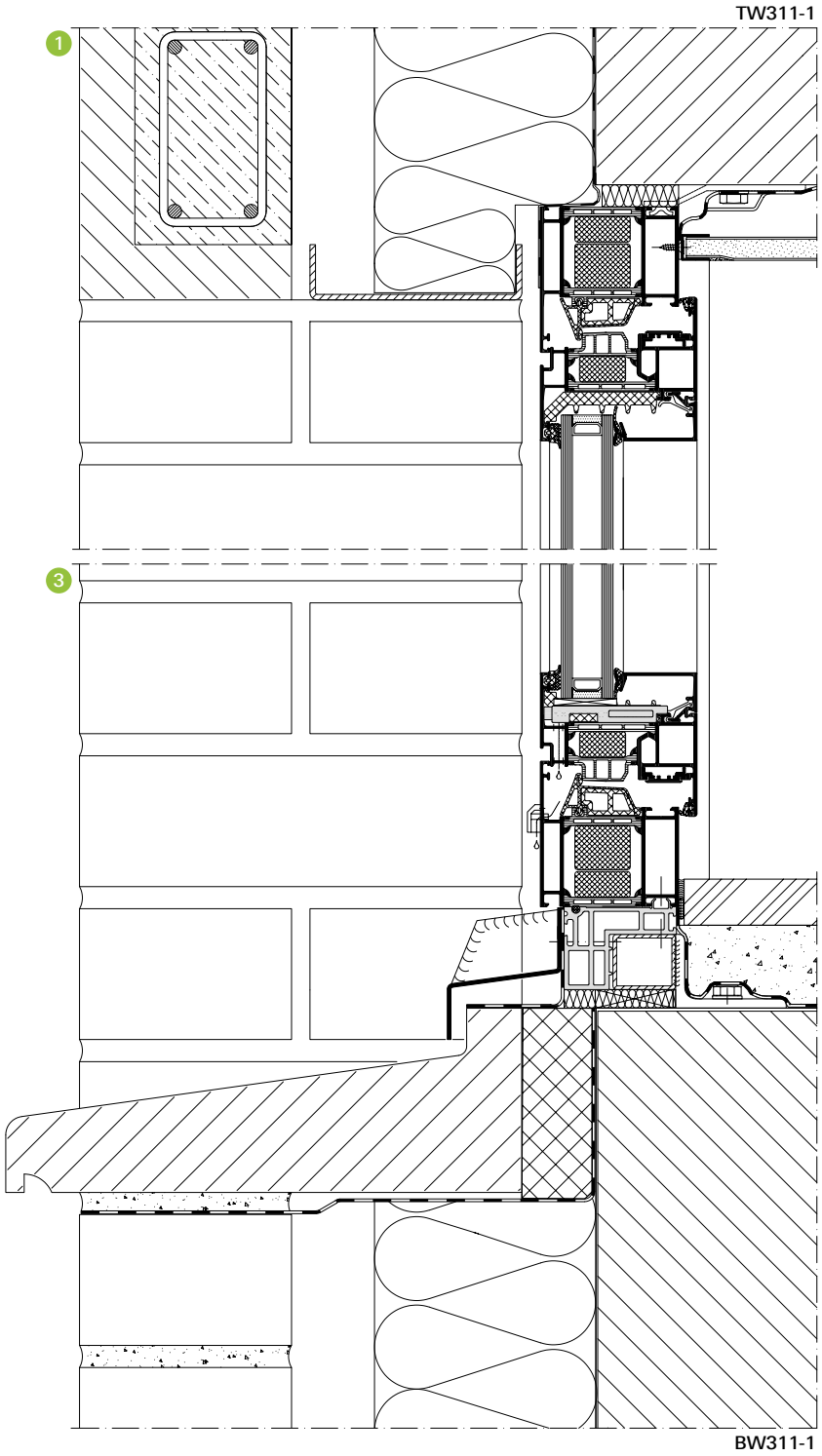


Maßstab 1:4
Scale 1:4

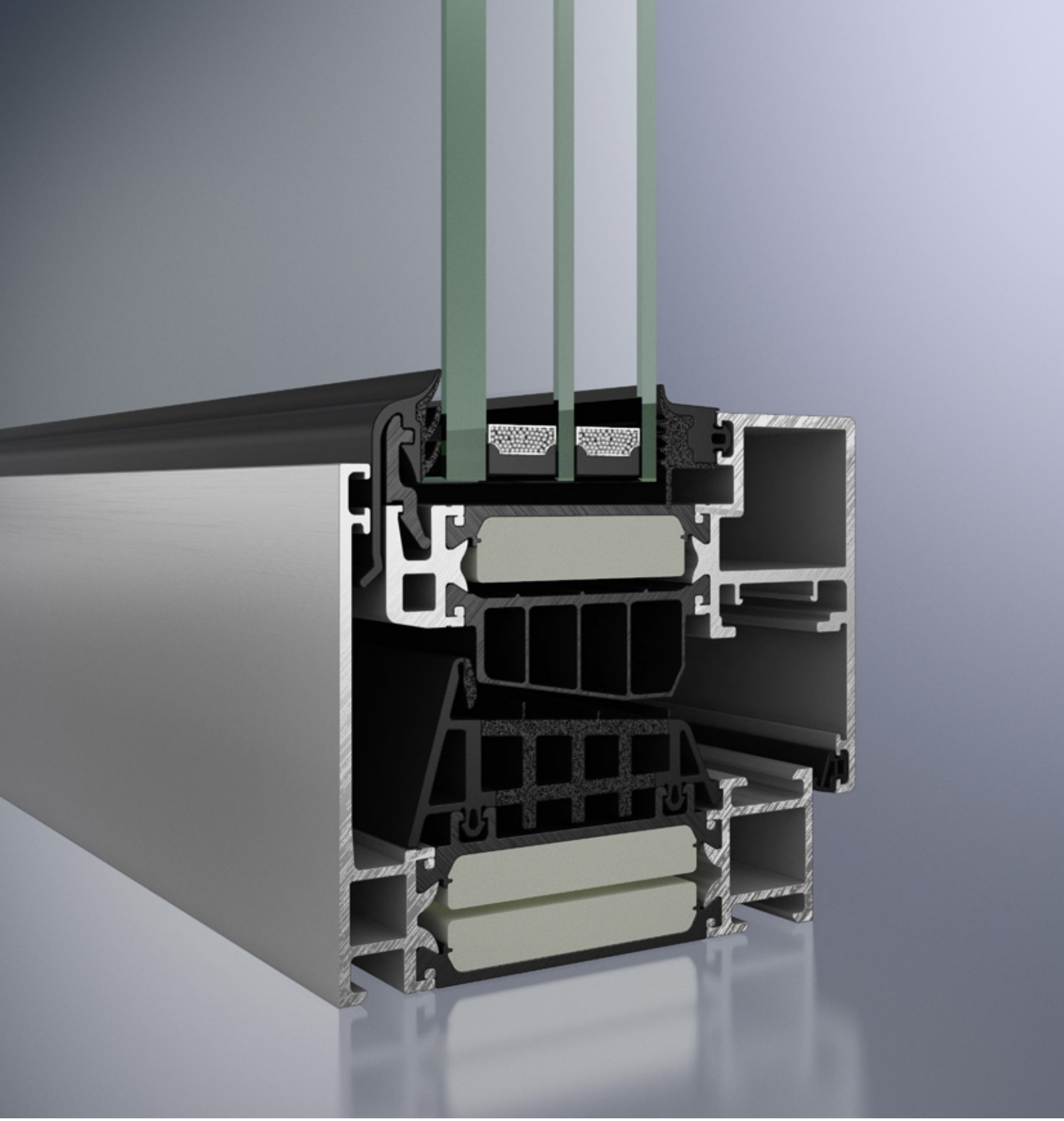


Schüco Fenster AWS 75.SI+, Baukörperanschluss mit Mauerwerk

Schüco Window AWS 75.SI+, attachment to building structure with masonry



Maßstab 1:4
Scale 1:4



Blockserien
Block series

62 Standardsysteme
Standard systems

Fenstersysteme
Window Systems

112 Blockserien
Block series

114 Systemeigenschaften
Schüco Fenster AWS 90 BS.SI+ / AWS 75 BS.SI+ / AWS 75 BS.HI+
Schüco Window AWS 90 BS.SI+ / AWS 75 BS.SI+ / AWS 75 BS.HI+
system features

116 Technische Informationen
Technical information

118 Profilschnitte Schüco Fenster AWS 90 BS.SI+
Profile section details for Schüco Window AWS 90 BS.SI+

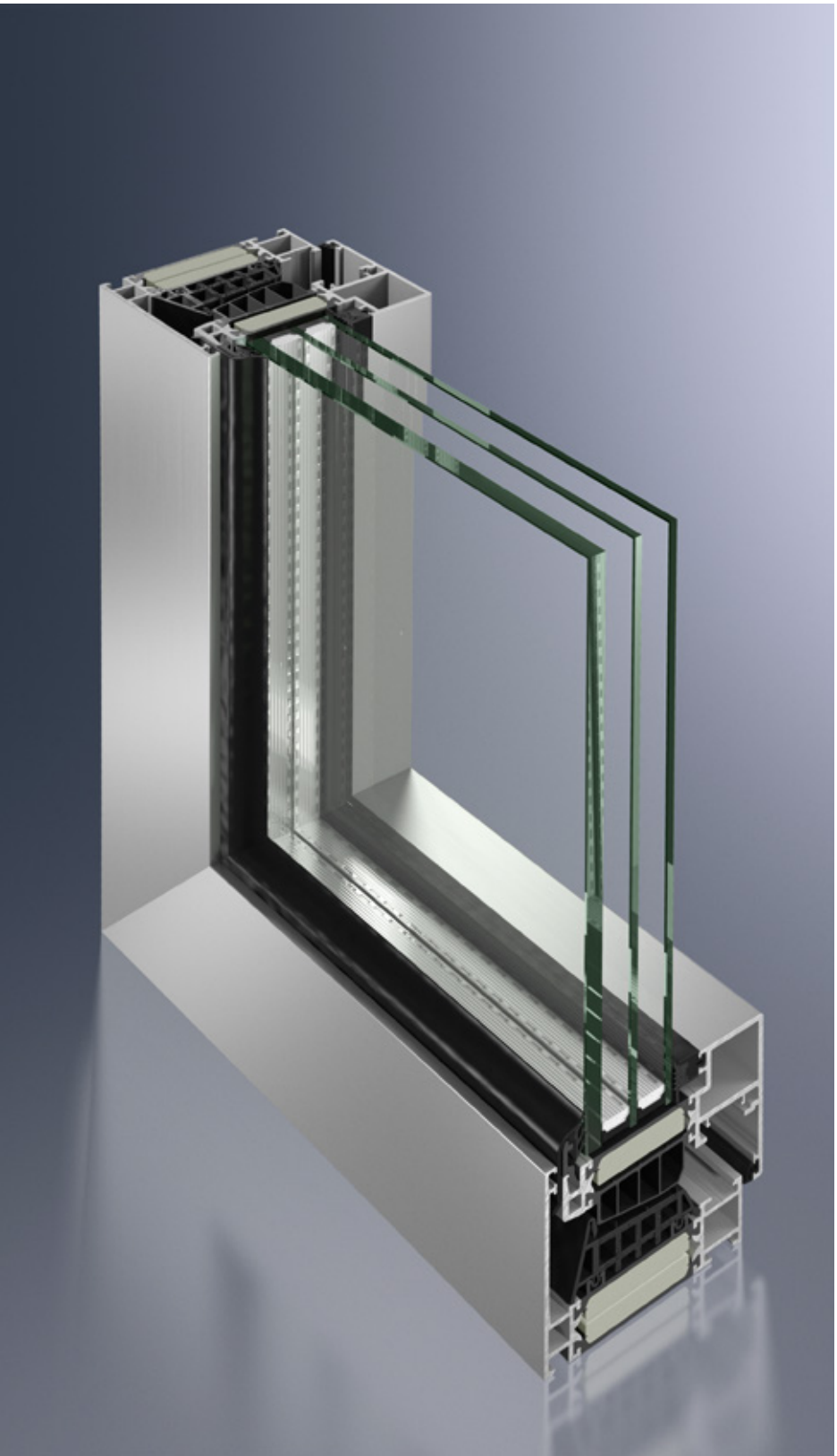
122 Profilschnitte Schüco Fenster AWS 75 BS.SI+
Profile section details for Schüco Window AWS 75 BS.SI+

128 Baukörperanschlüsse
Attachments to building structure

132 Fensterfassaden
Window façades
144 Verbundfenster
Composite windows
166 Ungedämmte Systeme
Non-insulated systems

Systemeigenschaften Schüco Fenster AWS 90 BS.SI+ / AWS 75 BS.SI+ / AWS 75 BS.HI+

Schüco Window AWS 90 BS.SI+ / AWS 75 BS.SI+ / AWS 75 BS.HI+ system features



Blockfenster-Systeme von Schüco
Blockfenster von Schüco ermöglichen elegantes Design und größtmögliche Transparenz. Durch verdeckt liegende Flügelrahmen werden Ansichtsbreiten ab 67 mm ermöglicht – in Kombination mit höchsten Anforderungen an den Wärmeschutz. Das Blockfenstersystem eignet sich ideal für die Integration in Schüco Fassadensysteme. Ob ein filigranes, offenes und transparentes Erscheinungsbild oder eine schlanke und durchgängige Ansicht bevorzugt wird: Das homogene Bild zeigt keine erkennbaren Öffnungselemente.

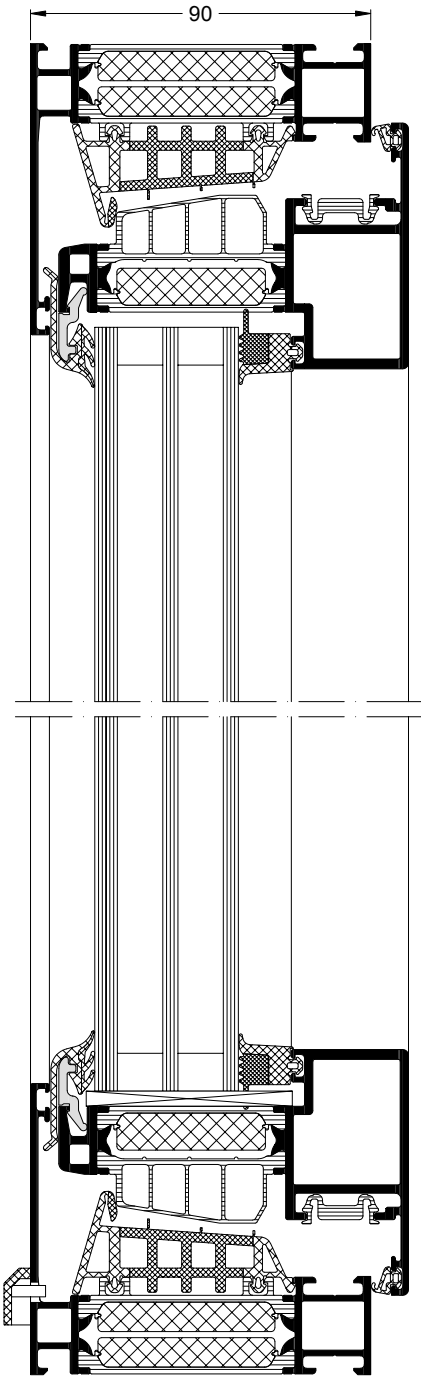
Block window systems from Schüco
Block windows from Schüco provide for elegant design and maximum transparency. Face widths from 67 mm in conjunction with the highest thermal insulation requirements can be produced by using concealed vent frames. The block window system can be perfectly integrated into Schüco façade systems. Whether you favour a look that is slimline, open and transparent, or streamlined and uniform, the opening units blend in seamlessly with the homogenous appearance.

Schüco Fenster AWS 90 BS.SI+
Schüco Window AWS 90 BS.SI+

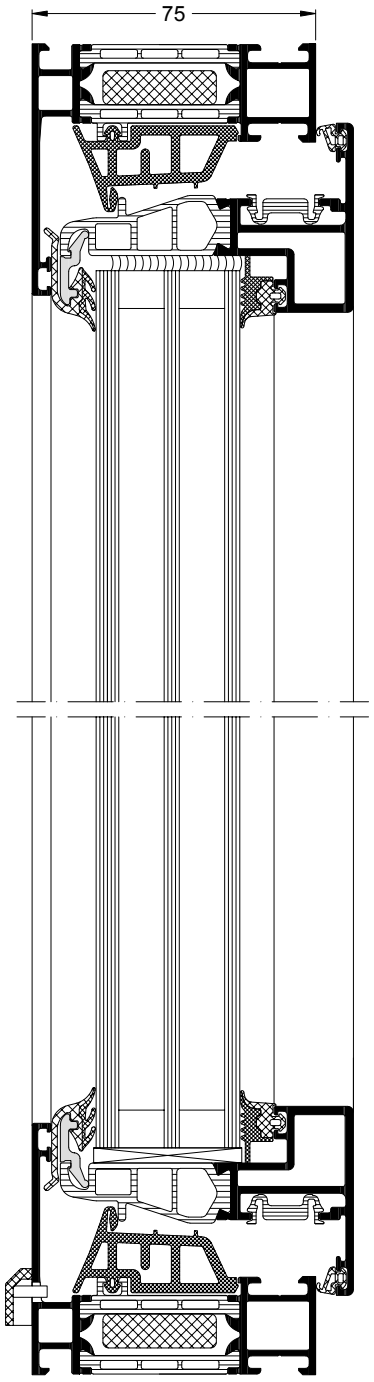
Eigenschaften und Vorteile	Features and benefits
Wärmedämmung ▪ Hochwärmegedämmt bis zu Passivhaus-niveau bei einer Grundbautiefe von 90 mm und 75 mm (Schüco AWS 90 BS.SI+ mit U_f-Werten bis 1,2 W/(m²K)) ▪ Innovative Schaumverbund-Isolierstege ▪ Großvolumige Mitteldichtung ▪ Verglasungsdichtung mit Fahnen	**Thermal insulation** ▪ Highly thermally insulated up to passive house standard with a basic depth of 90 mm and 75 mm (Schüco AWS 90 BS.SI+ with U_f values up to 1.2 W/(m²K)) ▪ Innovative foam-filled insulating bars ▪ Large volume centre gasket ▪ Glazing gasket with fins
Optik ▪ Transparente Elemente durch geringen Rahmenanteil und große Glasflächen ▪ Von außen identische Ansichten von Flügel und Festverglasung möglich ▪ Keine sichtbaren Glasleisten ▪ Blockfensterserie mit äußerst schmalen Ansichtsbreiten ab 67 mm und verdeckt liegendem Flügel ▪ Umfangreiches Profilsortiment mit Pfosten-profilen bis 44 mm Ansicht, Stulpflügel und Flügelsprossen ▪ Mehrfarbige Profilgestaltung	**Appearance** ▪ The proportionally narrow frames to large areas of glass means the units appear more transparent ▪ Viewed from the outside, face widths of vents and fixed glazing are identical ▪ No visible glazing beads ▪ Block window series with extremely narrow face widths from 67 mm and concealed vent ▪ Comprehensive profile range with mullion face widths of up to 44 mm, double-vents and sash bars ▪ Profile design in more than one colour
Funktionalität ▪ Einbruchhemmung bis RC 3 (WK3) nach DIN EN 1627 (DIN V ENV 1627) ▪ Verdeckt liegender Schüco AvanTec SimplySmart Systembeschlag bis 160 kg sowie Flügelprofile für Schüco TipTronic ▪ Lösung für barrierefreie Terrassen- und Balkontür in Dreh-, Drehkipp- und Stulp-Ausführung ▪ Einsatzblendrahmen mit Adapterdichtung für Glasstärkenausgleich zur Integration in Pfosten-Riegel-Fassaden	**Functions** ▪ Burglar resistance up to RC 3 (WK3) in accordance with DIN EN 1627 (DIN V ENV 1627) ▪ Concealed Schüco AvanTec SimplySmart system fitting up to 160 kg and vent profiles for Schüco TipTronic ▪ Solution for easy-access patio and balcony door in side-hung, turn/tilt and double-vent design ▪ Insert outer frame with adapter gasket to compensate for different glazing thicknesses, for integration into mullion/transom façades

Technische Informationen
Technical information

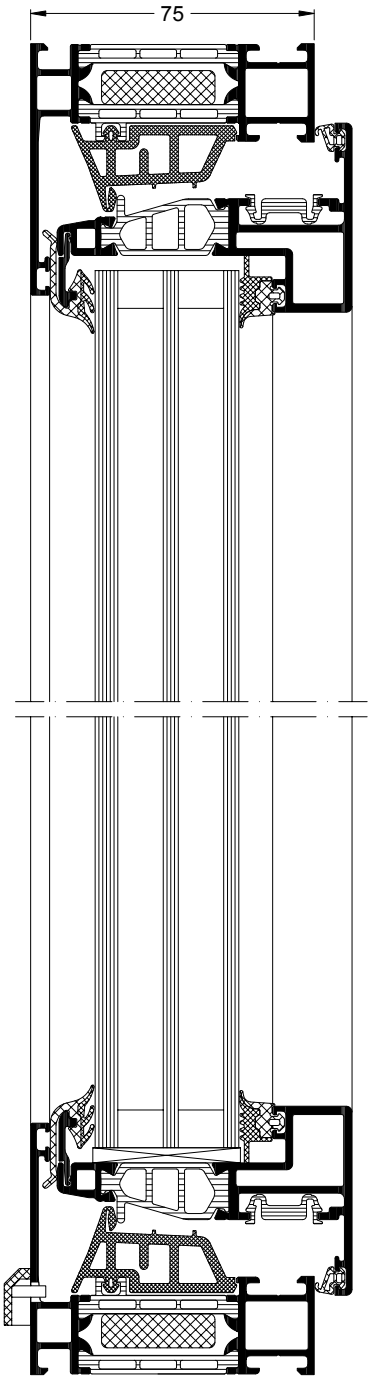
Schüco Fenster AWS 90 BS.SI+
Schüco Window AWS 90 BS.SI+



Schüco Fenster AWS 75 BS.SI+
Schüco Window AWS 75 BS.SI+



Schüco Fenster AWS 75 BS.HI+
Schüco Window AWS 75 BS.HI+



Maßstab 1:2
Scale 1:2

Schüco System Schüco System	AWS 90 BS.SI+	AWS 75 BS.SI+	AWS 75 BS.HI+
Abmessungen Dimensions			
Bautiefe Blendrahmen Basic depth of outer frame	90 mm	75 mm	75 mm
Bautiefe Flügelrahmen Basic depth of leaf frame	95 mm	80 mm	80 mm
Glasstärke Festfeld Glass thickness of fixed light	32 – 55 mm	18 – 53 mm	18 – 53 mm
Glasstärke Flügel Glass thickness of vent	28 – 58 mm	16 – 54 mm	16 – 52 mm
Prüfungen und Normen Tests and standards			
Wärmedämmung nach DIN EN ISO 10077-2 Thermal insulation in accordance with DIN EN ISO 10077-2	bis to U_f 0,83 W/(m²K)	bis to U_f 1,3 W/(m²K)	bis to U_f 1,4 W/(m²K)
Schalldämmung nach DIN EN ISO 140-3 Sound insulation in accordance with DIN EN ISO 140-3	Auf Anfrage On request	bis to R_w 45 dB	bis to R_w 49 dB
Einbruchhemmung nach DIN EN 1627 (DIN V ENV 1627) Burglar resistance in accordance with DIN EN 1627 (DIN V ENV 1627)	Klasse Class RC 2 (WK2)	Klasse Class RC 2 (WK2)	Klasse Class RC 3 (WK3)
Luftdurchlässigkeit nach DIN EN 12207 Air permeability in accordance with DIN EN 12207	Klasse Class 4	Klasse Class 4	Klasse Class 4
Schlagregendichtheit nach DIN EN 12208 * Watertightness in accordance with DIN EN 12208 *	Klasse Class 9a	Klasse Class 9a	Klasse Class 9a
Windlastwiderstand nach DIN EN 12210 Wind load resistance in accordance with DIN EN 12210	Klasse Class C5 / B5	Klasse Class C5 / B5	Klasse Class C5 / B5
Mechanische Beanspruchung nach DIN EN 13115 Mechanical loading in accordance with DIN EN 13115	Klasse Class 4	Klasse Class 4	Klasse Class 4
Dauerfunktion nach DIN EN 12400 Resistance to repeated opening and closing in accordance with DIN EN 12400	Klasse Class 3	Klasse Class 3	Klasse Class 3

* Durchbiegungsverhalten profilabhängig
The amount of deflection will depend on the profile

Schalldämmung
Sound insulation

Schüco System Schüco System	Bewertetes Schalldämm-Maß R_w (C;C_{tr}) Weighted sound reduction index R_w (C;C_{tr})	Anzahl Scheiben Number of panes	Verglasung Glazing		R_w-Wert Glas R_w value of glass
AWS 90 BS.SI+	Auf Anfrage On request	–	–	–	–
AWS 75 BS.SI+	48 (-1;-4) 49 (-1;-4) **	2	44 mm	12 VSG SI * / 24 Argon / 8 VSG SI *	50
	43 (-3;-7)	2	34 mm	8 VSG SI * / 20 Argon / 6	43
	37 (-1;-4)	2	26 mm	6 / 16 Argon / 4	36
AWS 75 BS.HI+	48 (-1;-4) 49 (-1;-4) **	2	44 mm	12 VSG SI * / 24 Argon / 8 VSG SI *	50
	43 (-3;-7)	2	34 mm	8 VSG SI * / 20 Argon / 6	43
	37 (-1;-4)	2	26 mm	6 / 16 Argon / 4	36

* Verbund-Sicherheitsglas Silence
** Mit optionaler Außendichtung

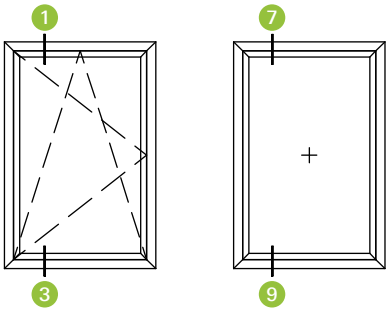
* Silence laminated safety glass
** With optional external gasket

Hinweis
Durch die Angabe der Spektrum-Anpassungswerte C und C_{tr} soll die Übereinstimmung zwischen den Messwerten abgeleiteten Einzahlwerten und der subjektiv empfundenen Schalldämmung verbessert werden.
Nach DIN EN 14351 ist eine Änderung der Isolierglaseinheit ohne neue Prüfung des Fensters zulässig, vorausgesetzt, dass die Isolierglaseinheit mindestens das gleiche bewertete Schalldämm-Maß R_w und $R_w + C_{tr}$ aufweist (Daten aus der Prüfung nach EN ISO 140-3 oder generische Daten, siehe EN 12758 oder EN 12354-3). Das gilt auch für 3-fach-Isolierglas.

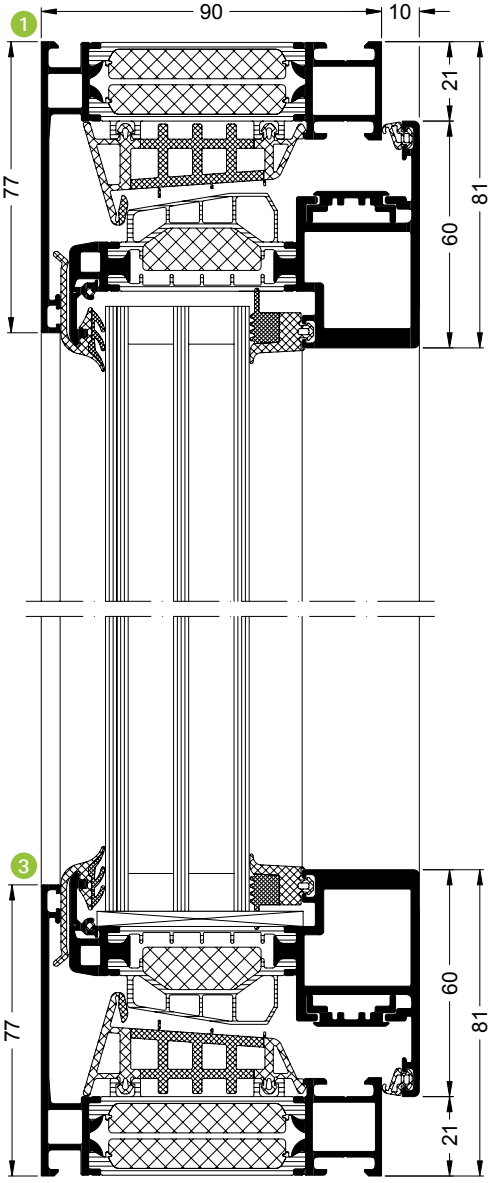
Note
By specifying the spectrum adaptation values C and C_{tr}, the correlation between the singular values derived from the measurement values and the perceived level of sound insulation are improved.
To conform with DIN EN 14351, the insulating glass unit can be changed without testing the window again, provided there is proof that the insulating glass unit has at least same weighted sound reduction index R_w and $R_w + C_{tr}$ (this information can be taken from tests in accordance with EN ISO 140-3 or generic data, see EN 12758 or EN 12354-3). This also applies to triple insulating glass.

Profilschnitte Schüco Fenster AWS 90 BS.SI+
Profile section details for Schüco Window AWS 90 BS.SI+

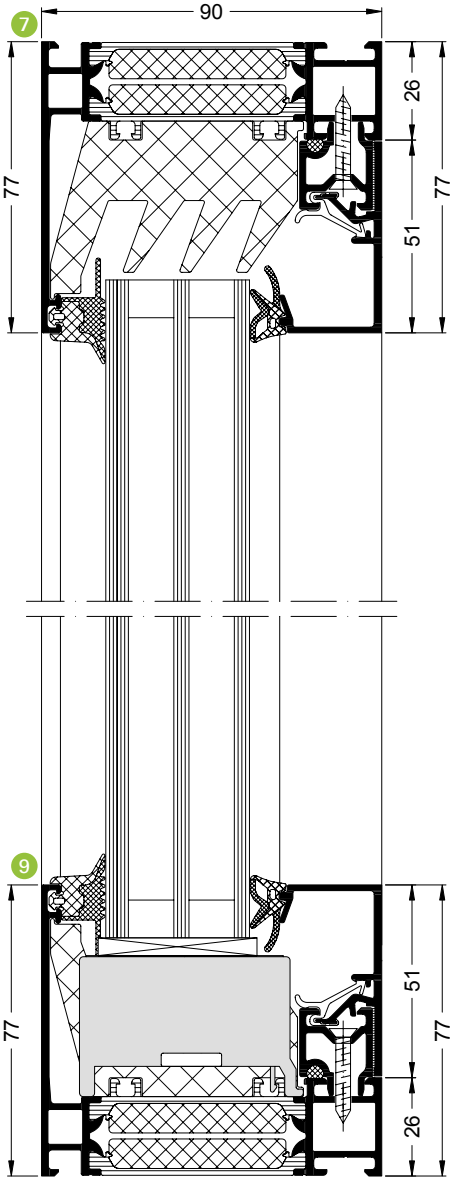
Blendrahmen Flügel aufschlagend und Festverglasung
Outer frame with face-fitted vent and fixed glazing



Blendrahmen Flügel aufschlagend
Outer frame with face-fitted vent

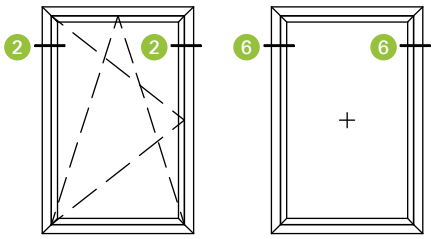


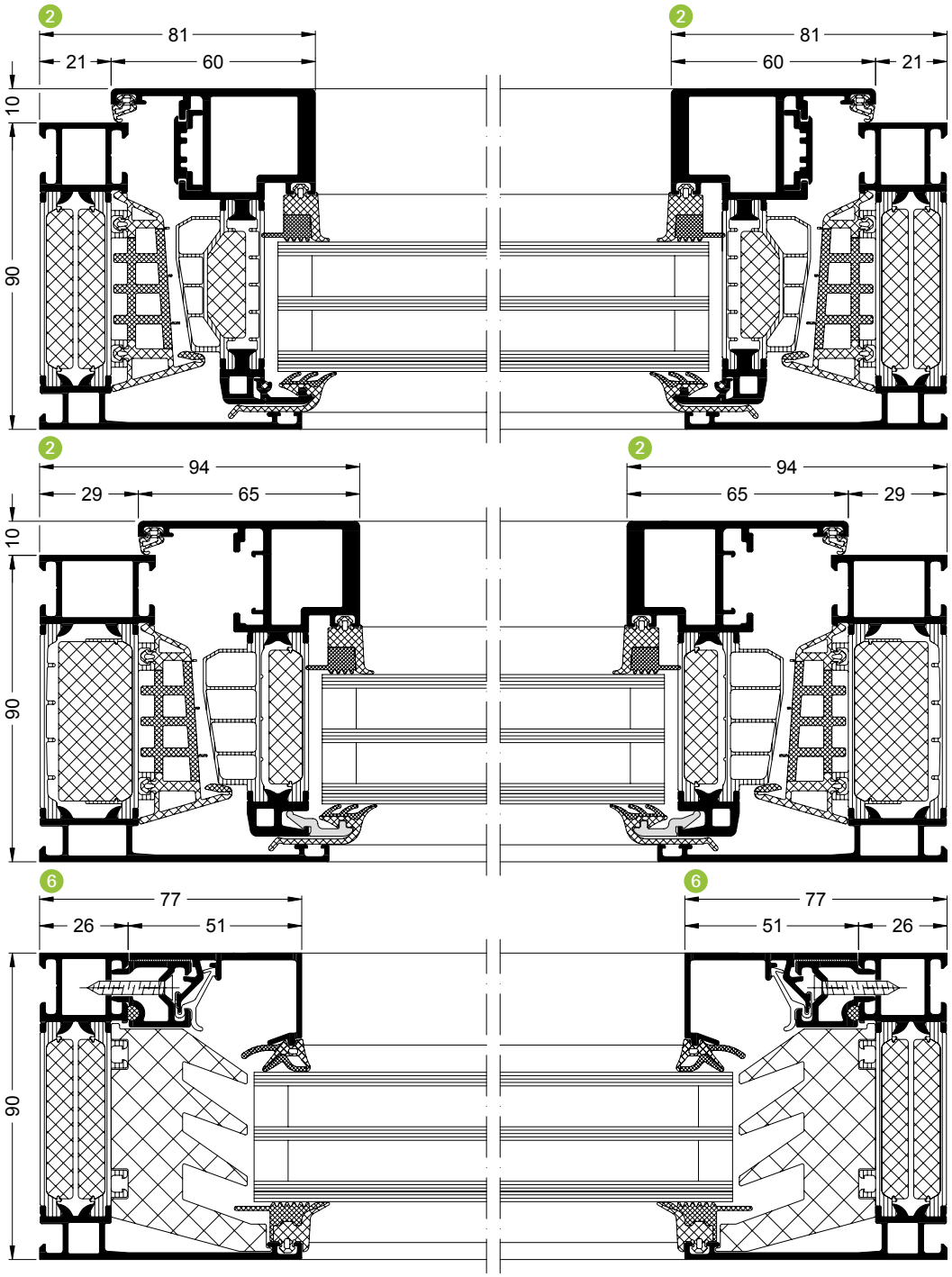
Festverglasung
Fixed glazing



Maßstab 1:2
Scale 1:2

Blendrahmen Flügel aufschlagend und Festverglasung
Outer frame with face-fitted vent and fixed glazing





Blendrahmen Flügel aufschlagend
Outer frame with face-fitted vent

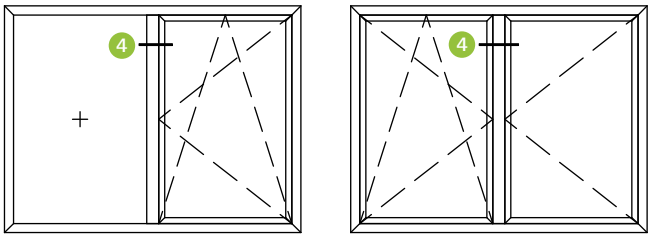
Hinweis
Bei großen Flügelgrößen ist die 65 mm Flügelkontur notwendig
Note
The 65 mm vent contour is required for large vent sizes

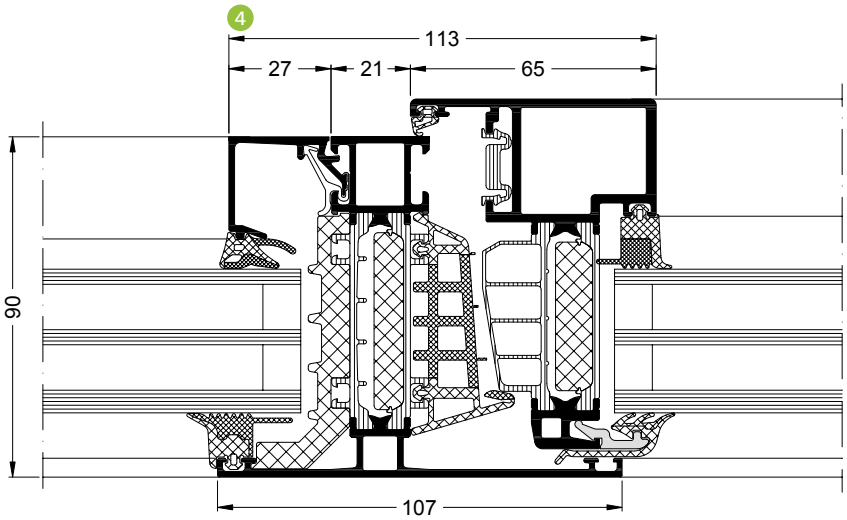
Flügelprofil für Schüco TipTronic
Vent profile for Schüco TipTronic

Festverglasung
Fixed glazing

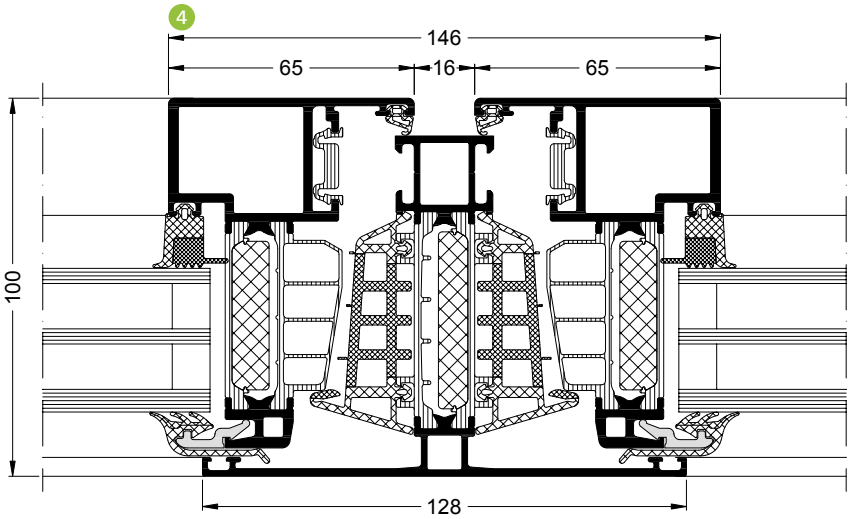
Maßstab 1:2
Scale 1:2

Flügel mit Festfeld/Pfosten
Vent with fixed light/mullion





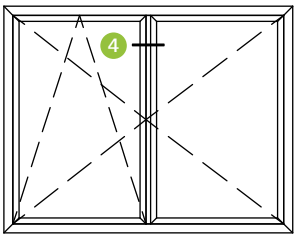
Flügel mit Festfeld
Vent with fixed light

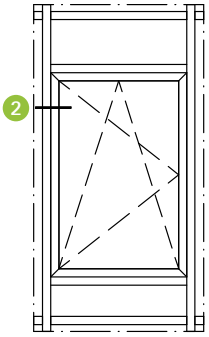


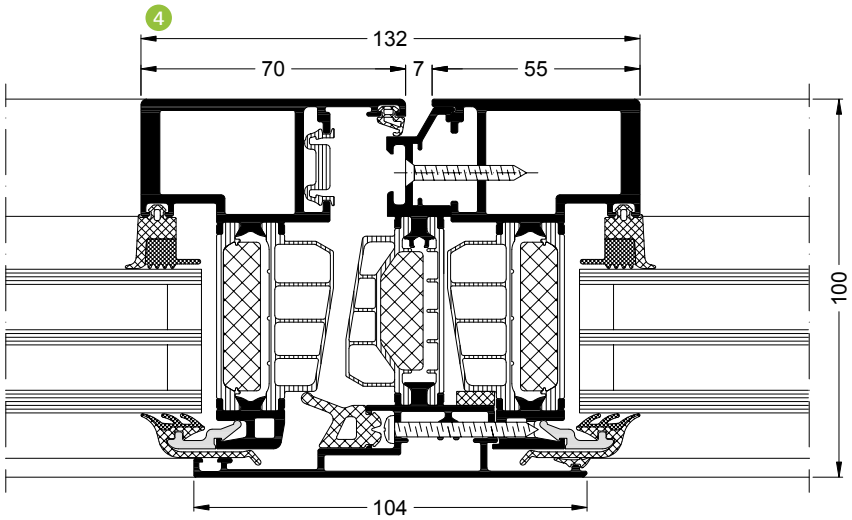
Pfosten
Mullion

Maßstab 1:2
Scale 1:2

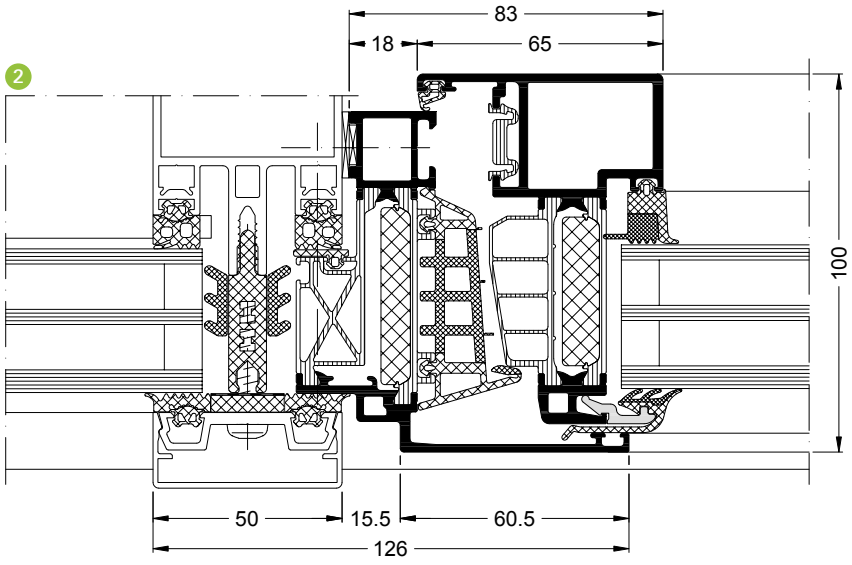
Stulp/Einsatzblendrahmen für Fassaden
Double vent/Insert outer frame for façades







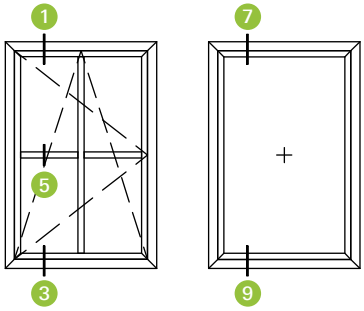
Stulp
Double vent



Einsatzblendrahmen für Fassaden
Insert outer frame for façades

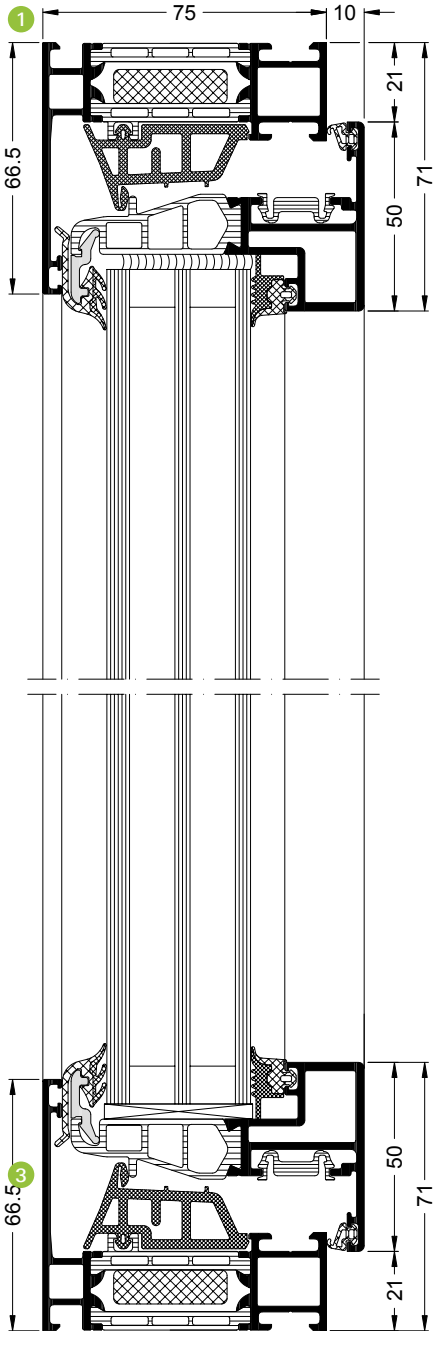
Maßstab 1:2
Scale 1:2

Profilschnitte Schüco Fenster AWS 75 BS.SI+
Profile section details for Schüco Window AWS 75 BS.SI+

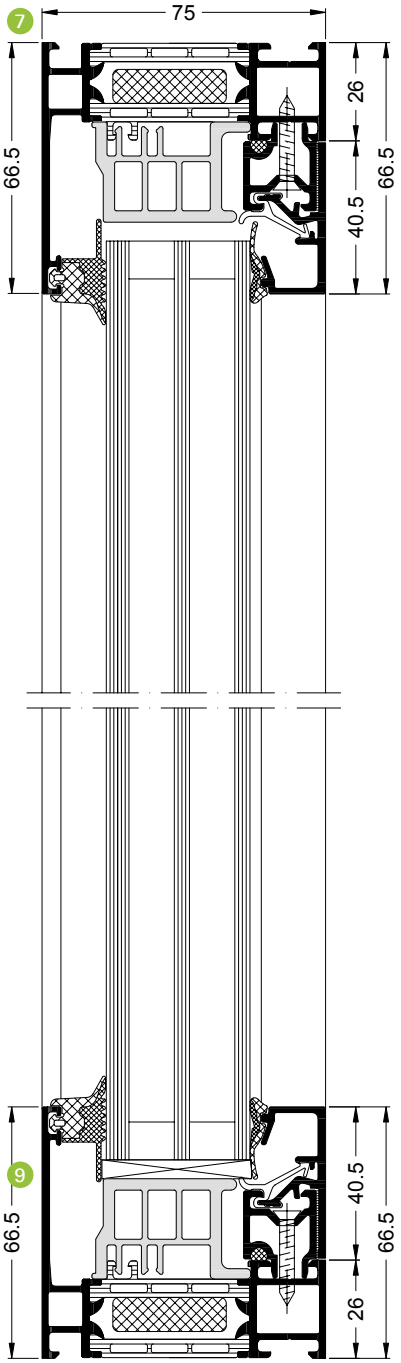


Blendrahmen Flügel aufschlagend und Festverglasung
Outer frame with face-fitted vent and fixed glazing

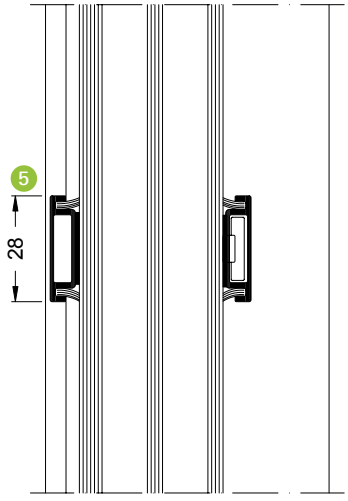
Blendrahmen Flügel aufschlagend
Outer frame with face-fitted vent



Festverglasung
Fixed glazing

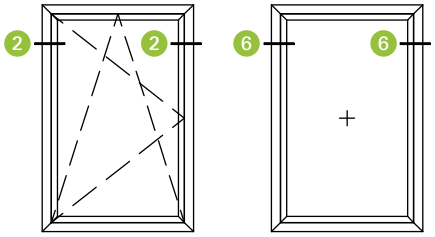


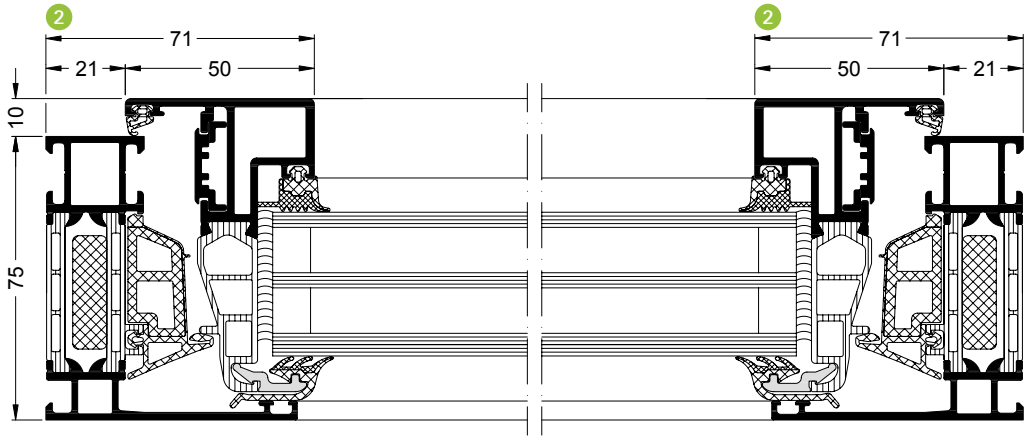
Aufgeklebte Sprosse
Surface-applied sash bar



Maßstab 1:2
Scale 1:2

Blendrahmen Flügel aufschlagend und Festverglasung
Outer frame with face-fitted vent and fixed glazing

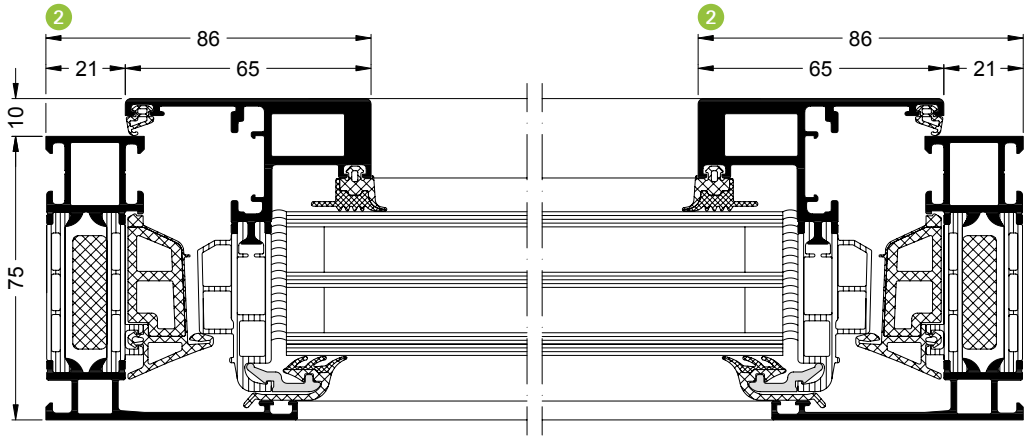




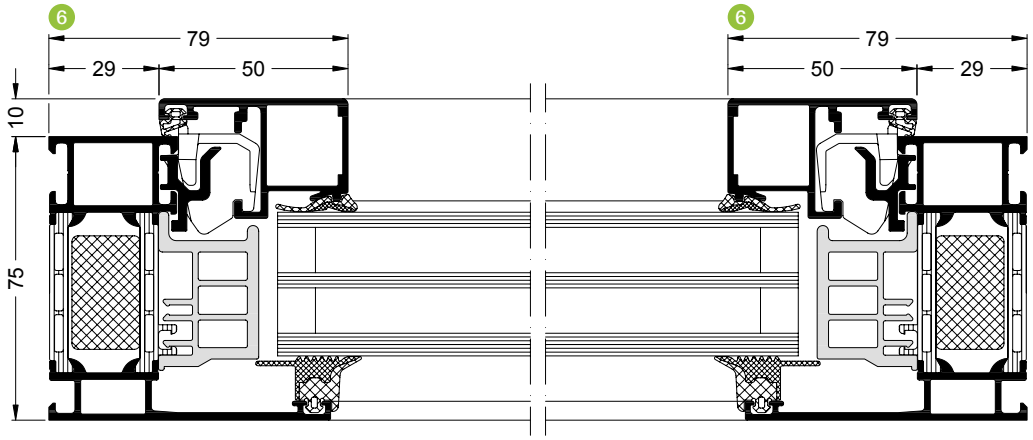
Blendrahmen Flügel aufschlagend
Outer frame with face-fitted vent

Hinweis
Bei großen Flügelgrößen ist die 65 mm Flügelkontur notwendig

Note
The 65 mm vent contour is required for large vent sizes



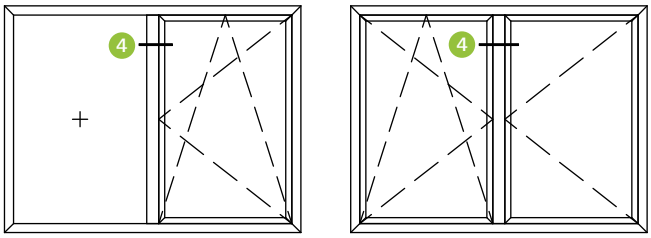
Flügelprofil für Schüco TipTronic
Vent profile for Schüco TipTronic



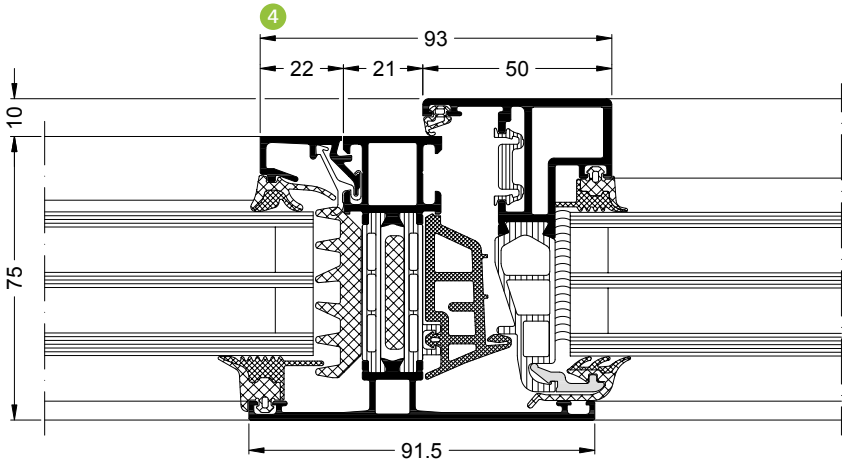
Festverglasung mit Blindflügel
Fixed glazing with dummy vent

Maßstab 1:2
Scale 1:2

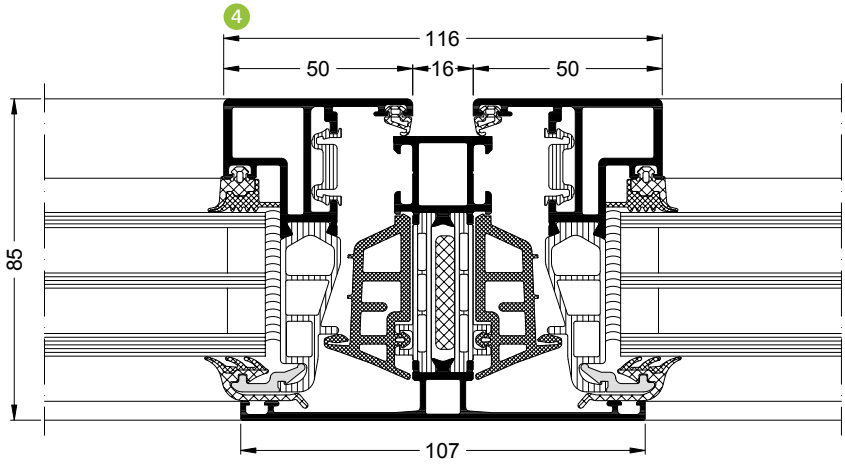
Flügel mit Festfeld/Pfosten/Stulp
Vent with fixed light/mullion/double vent



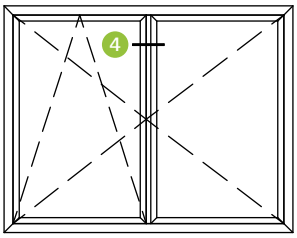
Flügel mit Festfeld
Vent with fixed light

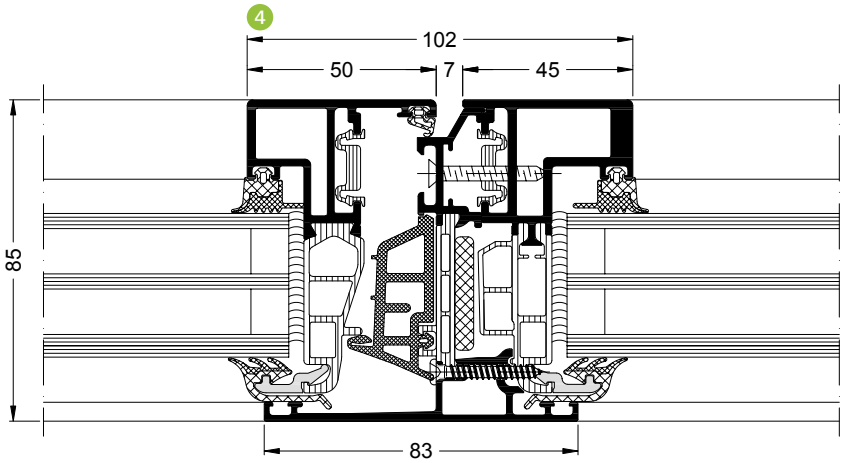


Pfosten
Mullion



Maßstab 1:2
Scale 1:2

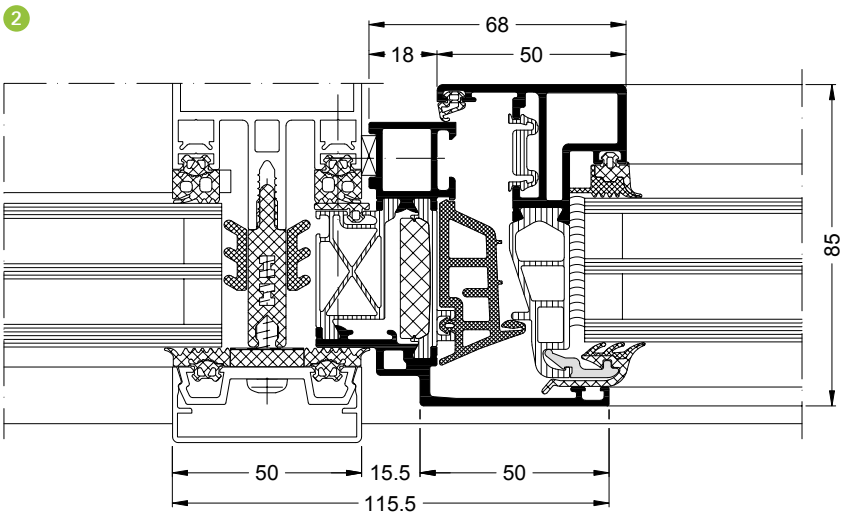


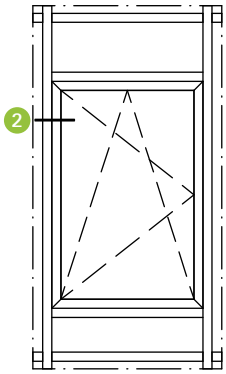


Stulp
Double vent

Maßstab 1:2
Scale 1:2

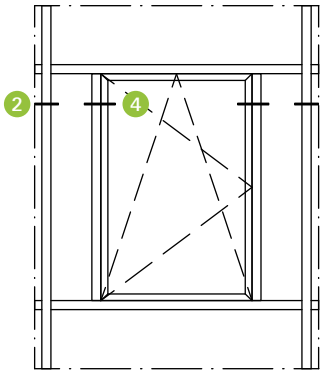
Einsatzblendrahmen für Fassaden
Insert outer frame for façades

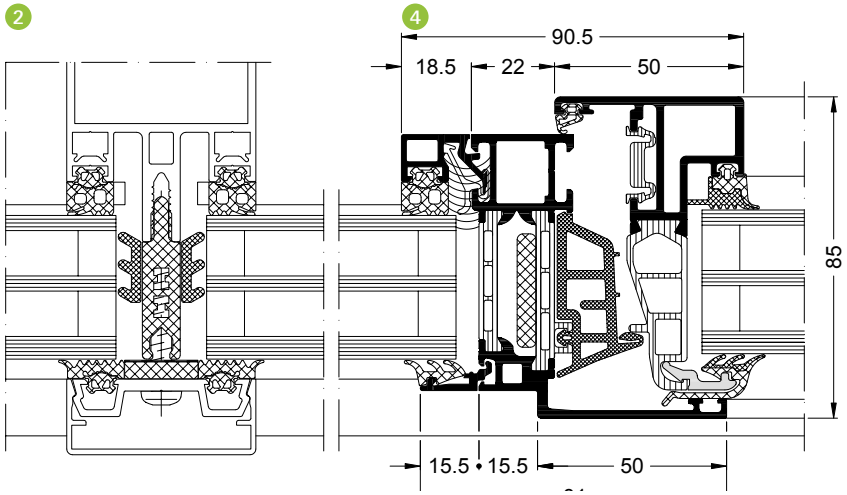




Maßstab 1:2
Scale 1:2

Schwimmendes Fenster
Floating window



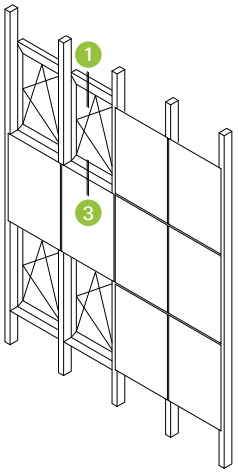


Maßstab 1:2
Scale 1:2

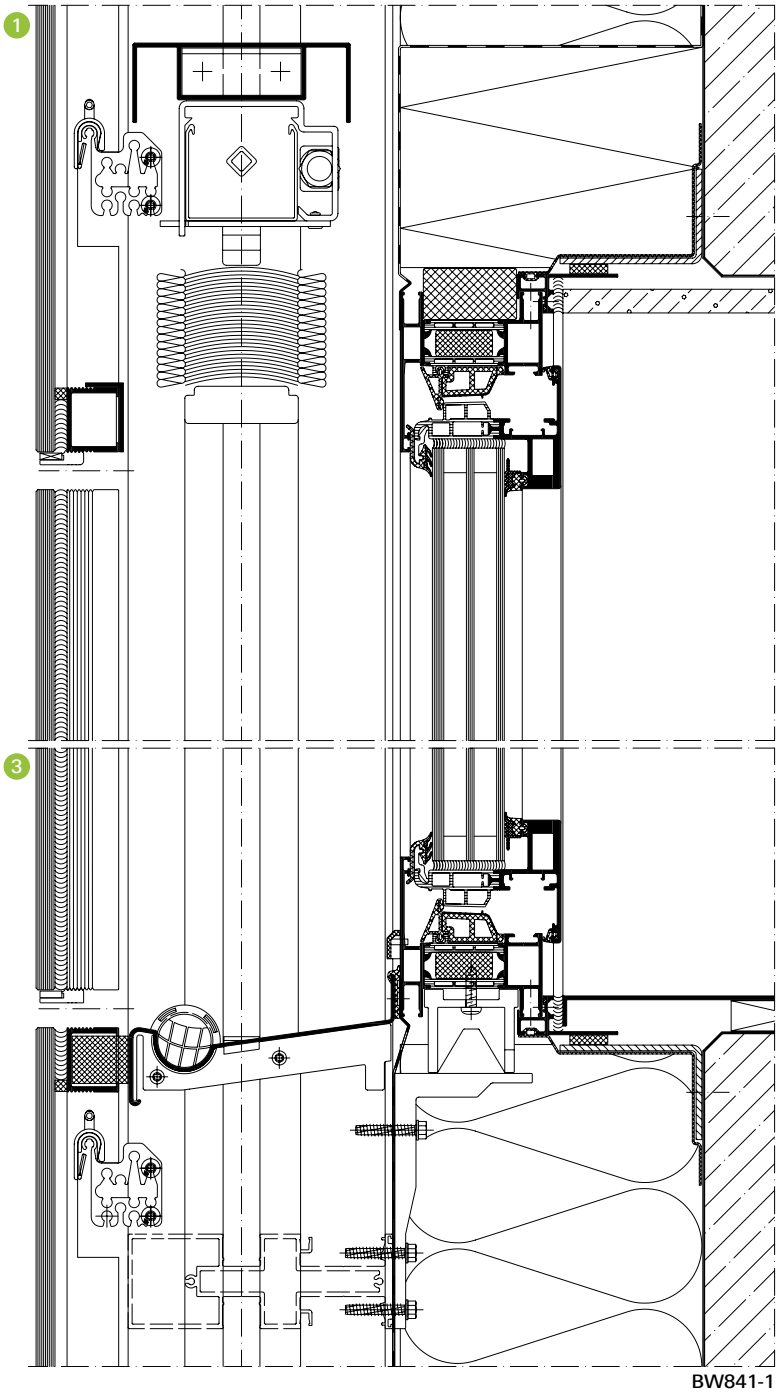
Baukörperanschlüsse
Attachments to building structure

Schüco Fenster AWS 75 BS.HI+, Kopf- und Brüstungsanschluss, Fassade mit Übergang Warm-Kaltbereich

Schüco Window AWS 75 BS.HI+, top point and spandrel attachment, façade with transition between non-ventilated and ventilated area



TW841-1



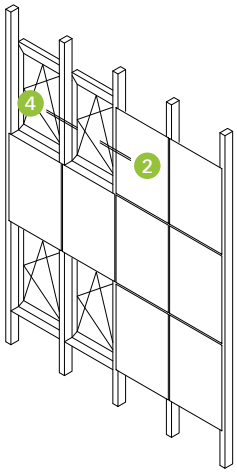
BW841-1

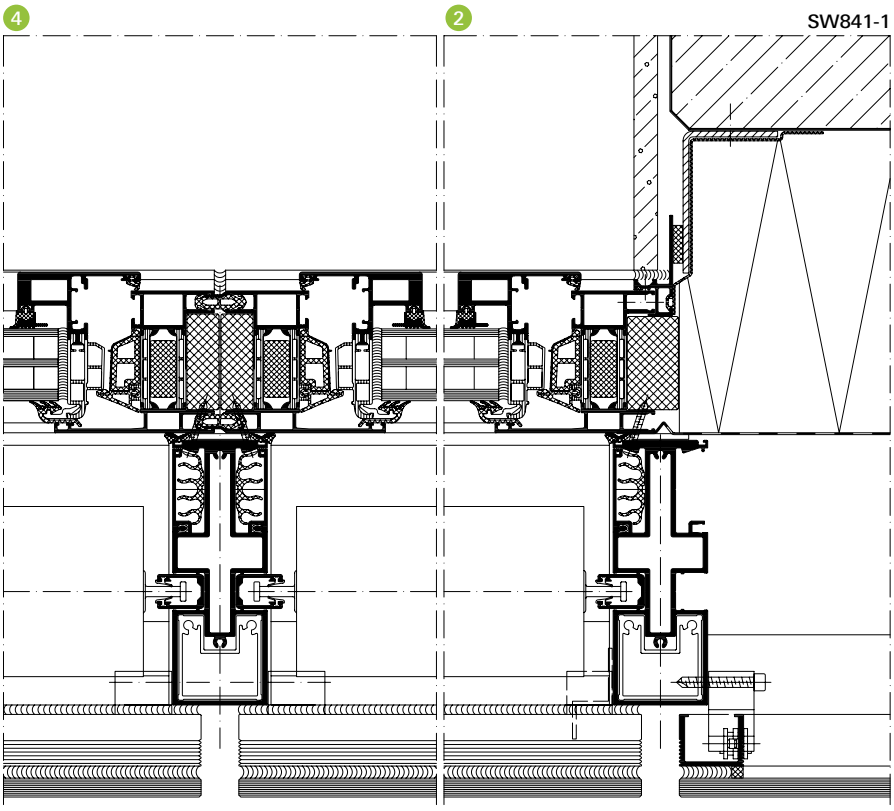
Maßstab 1:4
Scale 1:4

Alle in dieser Dokumentation gezeigten Baukörperanschlüsse haben eine Kennung. Die entsprechenden Zeichnungen, zusammen mit den Ausschreibungstexten, finden Sie zum Download im Service-Bereich unserer Homepage unter www.schueco.de/ba

All of the attachments to building structures shown in this document have a code identifier. The corresponding drawings, together with the specifications, are available to download from the Service area of our homepage at www.schueco.de/ab

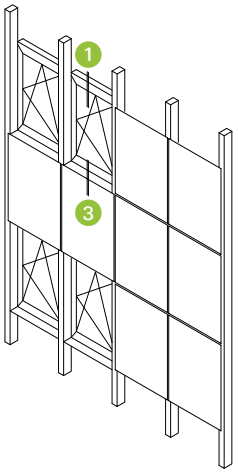
Schüco Fenster AWS 75 BS.HI+, seitlicher Anschluss,
Fassade mit Übergang Warm-Kaltbereich
Schüco Window AWS 75 BS.HI+, side attachment,
façade with transition between non-ventilated and ventilated area



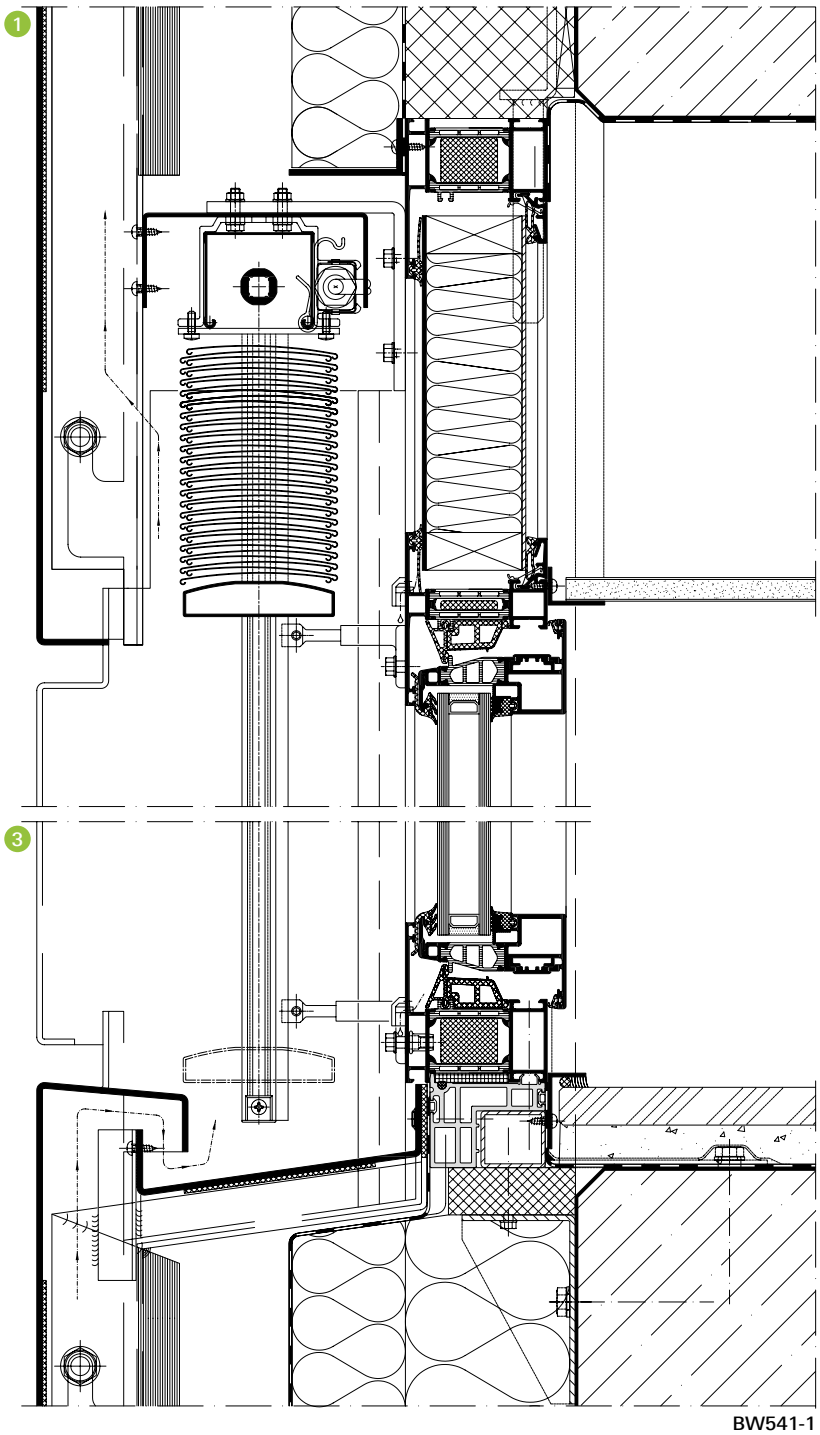


Maßstab 1:4
Scale 1:4

Schüco Fenster AWS 75 BS.HI+, Kopf- und Brüstungsanschluss in Vorhangfassade
Schüco Window AWS 75 BS.HI+, top point and spandrel attachment in curtain wall



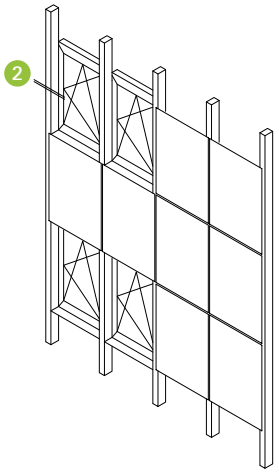
TW541-1

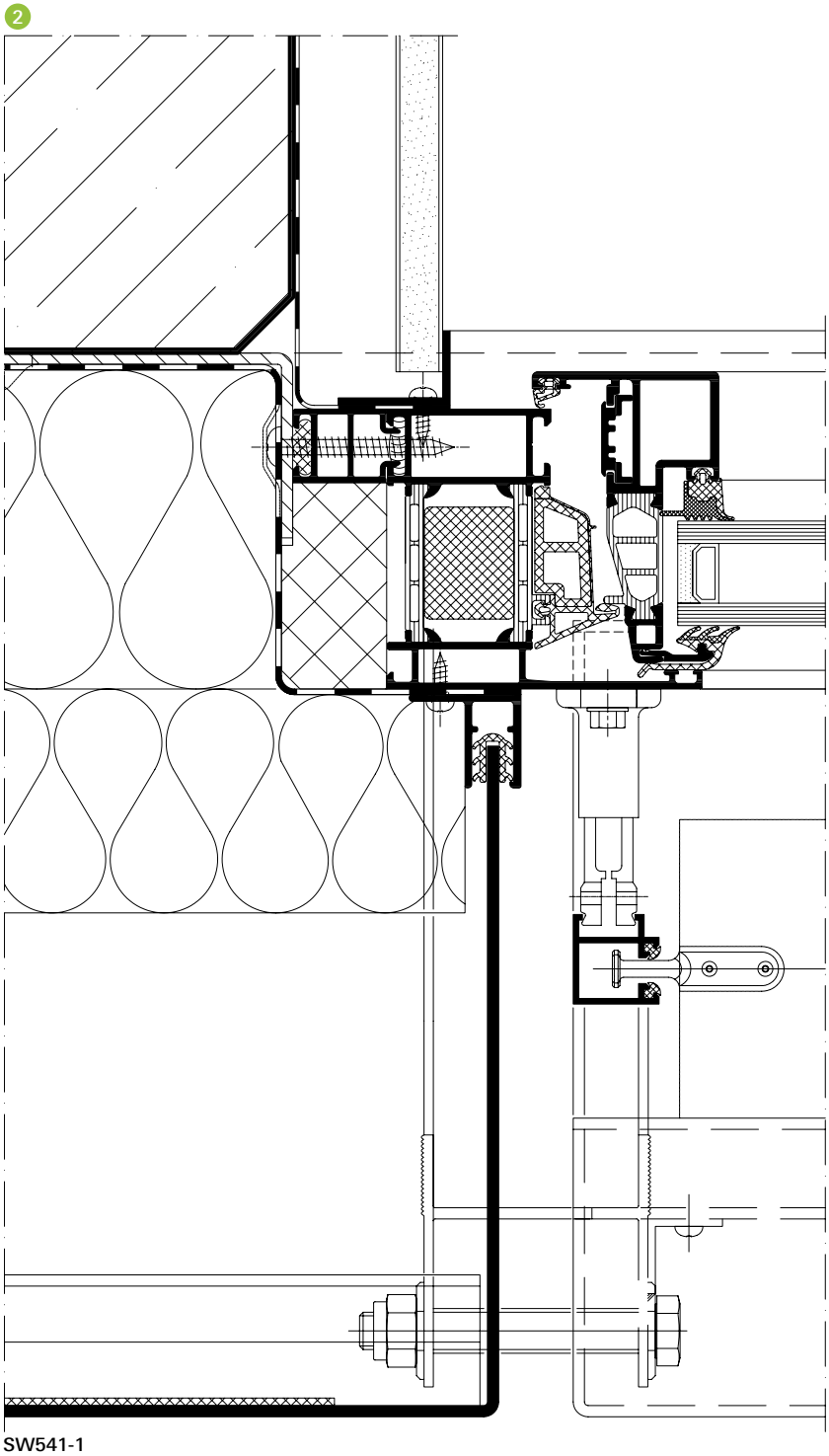


BW541-1

Maßstab 1:4
Scale 1:4

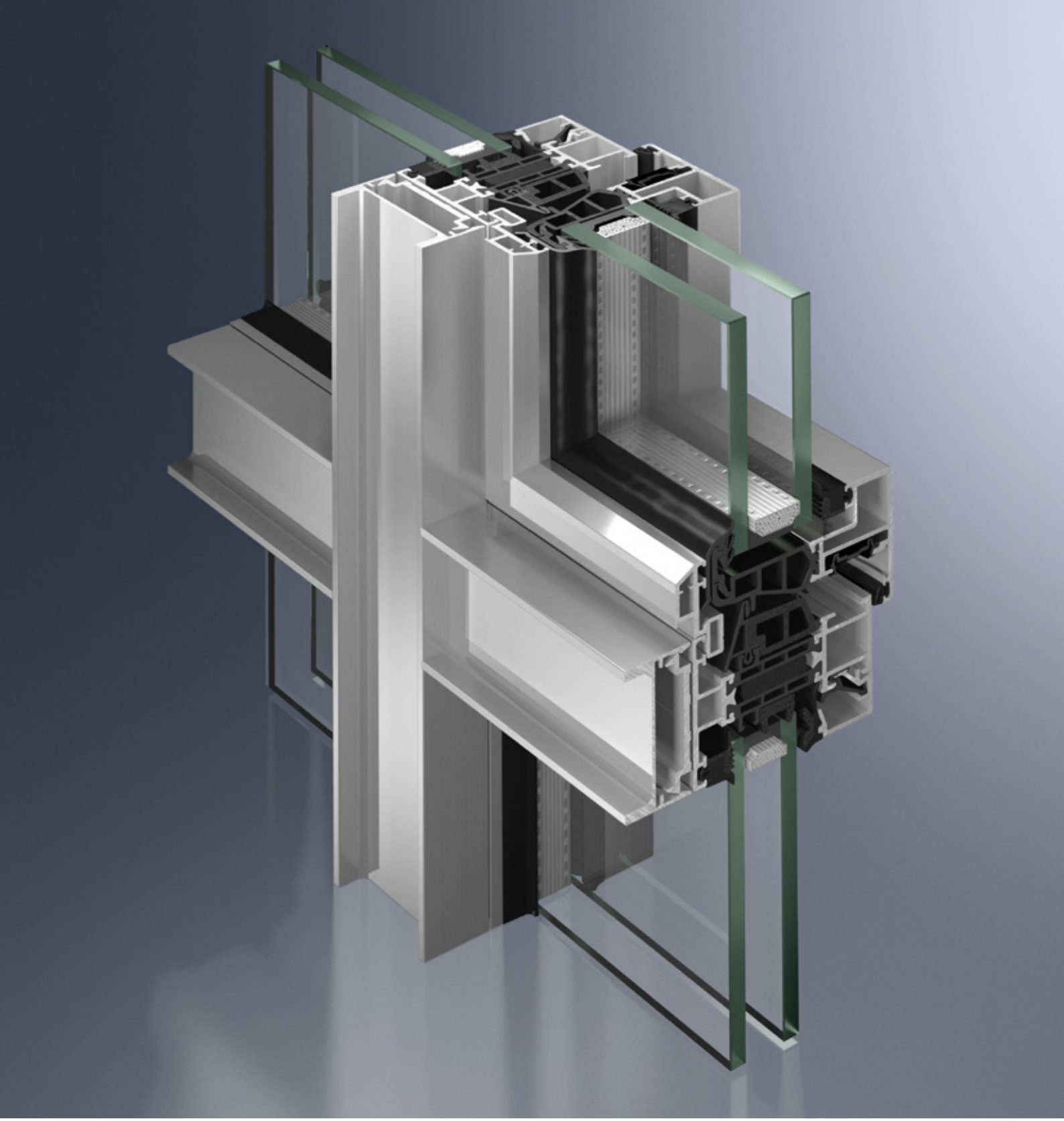
Schüco Fenster AWS 75 BS.HI+, seitlicher Wandanschluss in Vorhangfassade
Schüco Window AWS 75 BS.HI+, side wall attachment in curtain wall





SW541-1

Maßstab 1:2
Scale 1:2



Fensterfassaden
Window façades

62 Standardsysteme
Standard systems
112 Blockserien
Block series

Fenstersysteme
Window Systems

132 Fensterfassaden
Window façades

134 Systemeigenschaften Schüco Fenster AWS 75 WF.SI+ / AWS 70 WF.HI
Schüco Window AWS 75 WF.SI+ / AWS 70 WF.HI system features

136 Technische Informationen
Technical information

138 Profilschnitte Schüco Fenster AWS 75 WF.SI+
Profile section details for Schüco Window AWS 75 WF.SI+

140 Baukörperanschlüsse
Attachments to building structure

144 Verbundfenster
Composite windows
166 Ungedämmte Systeme
Non-insulated systems

Systemeigenschaften Schüco Fenster AWS 75 WF.SI+ / AWS 70 WF.HI Schüco Window AWS 75 WF.SI+ / AWS 70 WF.HI system features

Speziell für die wirtschaftliche Ausführung von Fensterbändern mit geschosshohen Verglasungen und höchsten Anforderungen an die Wärmedämmung stehen das hochwärmegedämmte System Schüco Fenster AWS 75 WF.SI+ (Window Façade) und das System Schüco Fenster AWS 70 WF.HI. Die Fensterfassaden bieten umfangreiche Gestaltungsmöglichkeiten mit Deckschalenvarianten, Statikpfosten und der Pfosten-Riegel-Optik in der Außenansicht mit einer Ansichtsbreite von 50 mm.

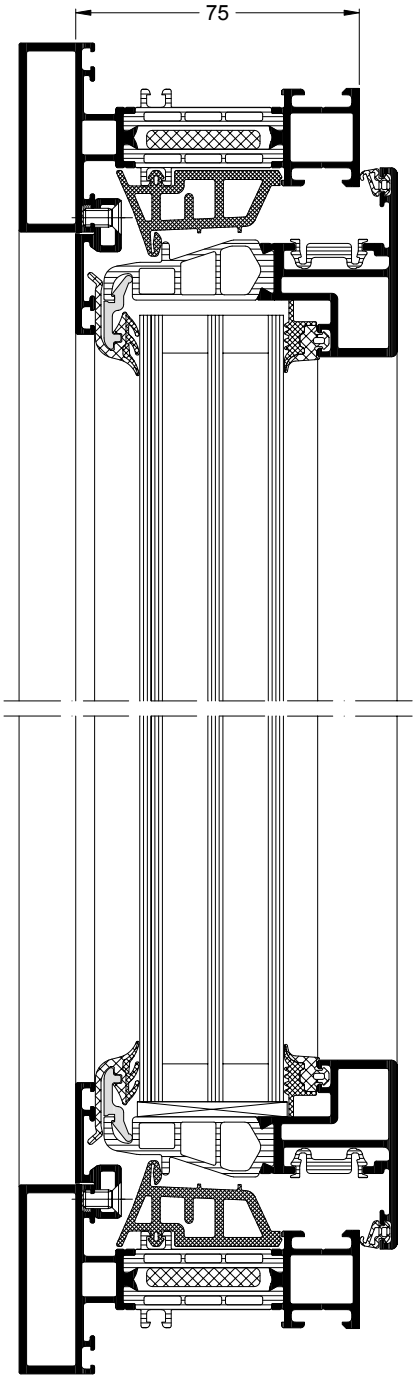
The highly thermally insulated systems, Schüco Window AWS 75 WF.SI+ (Window Façade) and Schüco Window AWS 70 WF.HI, are particularly suitable for the economical manufacture of ribbon windows with storey-height glazing and meet the highest thermal insulation requirements. Window façades offer comprehensive design options with a choice of cover caps, structural mullions and the external appearance of a mullion/transom construction with a face width of 50 mm.

Schüco Fenster AWS 75 WF.SI+
Schüco Window AWS 75 WF.SI+

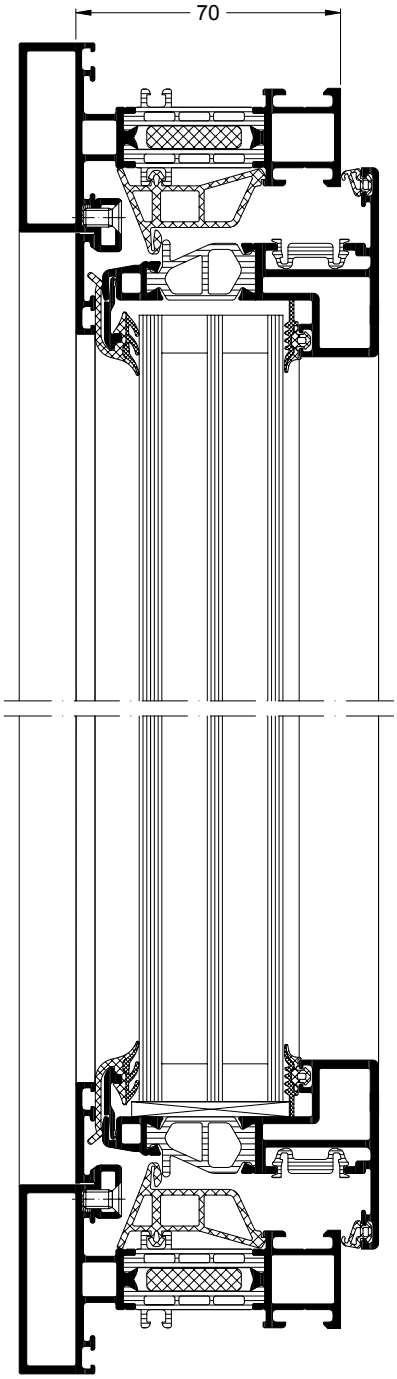
Eigenschaften und Vorteile	Features and benefits
Wärmedämmung ▪ Hochwärmegedämmt bei einer Grundbautiefe von 75 mm und 70 mm ▪ Innovative Schaumverbund-Isolierstege ▪ Großvolumige Mitteldichtung ▪ Verglasungsdichtung mit Fahnen	**Thermal insulation** ▪ Highly thermally insulated with a basic depth of 75 mm and 70 mm ▪ Innovative foam-filled insulating bars ▪ Large volume centre gasket ▪ Glazing gasket with fins
Optik ▪ Fensterfassade für kostengünstige und einfache Ausführung von Fensterbändern mit schmalen Ansichten von 50 mm, geringem Rahmenanteil ▪ Hoher Scheibenanteil durch verdeckt liegenden Blockflügel ▪ Keine sichtbaren Glasleisten im Flügelbereich ▪ Außenschale der Pfosten und Riegel in drei Ausführungsvarianten und umfangreiches Deckschalensortiment sorgen für unbegrenzte Designvarianten ▪ Optional als Flügel in Standard- und Residential Line (RL)-Optik ▪ Extrem schmale Glasleisten mit 15 mm Ansicht im Festfeldbereich ▪ Mehrfarbige Profilegstaltung	**Appearance** ▪ Window façade for simple and economical construction of ribbon windows with narrow face widths of 50 mm and proportionally narrow frames ▪ Proportionally more glass due to concealed block vent ▪ No visible glazing beads in the vent area ▪ Three outer profile designs for the mullion and transom and an extensive range of cover caps provide unlimited design options ▪ Also available as a vent with standard and Residential Line (RL) look ▪ Extremely narrow glazing beads with face width of 15 mm in the fixed light area ▪ Profile design in more than one colour
Funktionalität ▪ Verdeckt liegender Schüco AvanTec SimplySmart Systembeschlag sowie Flügelprofile für Schüco TipTronic ▪ Verdeckt liegende Entwässerung möglich	**Functions** ▪ Concealed Schüco AvanTec SimplySmart system fitting and vent profiles for Schüco TipTronic ▪ Concealed drainage possible

Technische Informationen
Technical information

Schüco Fenster AWS 75 WF.SI+
Schüco Window AWS 75 WF.SI+



Schüco Fenster AWS 70 WF.HI
Schüco Window AWS 70 WF.HI



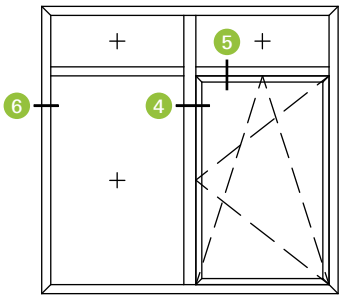
Maßstab 1:2
Scale 1:2

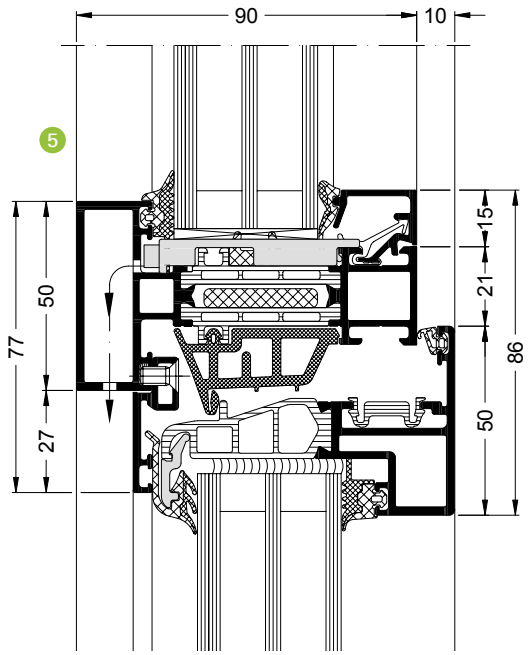
Schüco System Schüco System	AWS 75 WF.SI+	AWS 70 WF.HI
Abmessungen Dimensions		
Bautiefe Blendrahmen Basic depth of outer frame	75 mm	70 mm
Bautiefe Flügelrahmen Basic depth of leaf frame	80 mm	75 mm
Glasstärke Festfeld Glass thickness of fixed light	13 – 53 mm	8 – 50 mm
Glasstärke Flügel Glass thickness of vent	16 – 54 mm	21 – 55 mm
Prüfungen und Normen Tests and standards		
Wärmedämmung nach DIN EN ISO 10077-2 Thermal insulation in accordance with DIN EN ISO 10077-2	bis to U_f 1,3 W/(m²K)	bis to U_f 1,9 W/(m²K)
Schalldämmung nach DIN EN ISO 140-3 Sound insulation in accordance with DIN EN ISO 140-3	bis to R_w 44 dB	bis to R_w 45 dB
Einbruchhemmung nach DIN EN 1627 (DIN V ENV 1627) Burglar resistance in accordance with DIN EN 1627 (DIN V ENV 1627)	Klasse Class WK2 (RC 2)	Klasse Class WK1
Luftdurchlässigkeit nach DIN EN 12207 Air permeability in accordance with DIN EN 12207	Klasse Class 4	Klasse Class 4
Schlagregendichtheit nach DIN EN 12208 * Watertightness in accordance with DIN EN 12208 *	Klasse Class 9a	Klasse Class 9a
Windlastwiderstand nach DIN EN 12210 Wind load resistance in accordance with DIN EN 12210	Klasse Class C2 / B3	Klasse Class C2 / B3
Mechanische Beanspruchung nach DIN EN 13115 Mechanical loading in accordance with DIN EN 13115	Klasse Class 4	Klasse Class 4
Dauerfunktion nach DIN EN 12400 Resistance to repeated opening and closing in accordance with DIN EN 12400	Klasse Class 3	Klasse Class 3

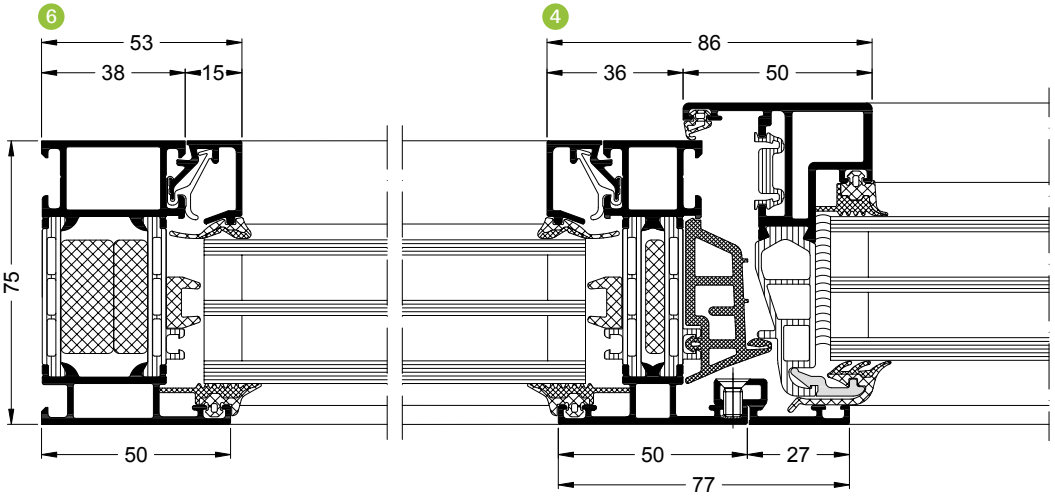
* Durchbiegungsverhalten profilabhängig
The amount of deflection will depend on the profile

Profilschnitte Schüco Fenster AWS 75 WF.SI+
Profile section details for Schüco Window AWS 75 WF.SI+

Blendrahmen Festverglasung Riegel/Pfosten Flügel aufschlagend
Outer frame with fixed glazing, transom/mullion, face-fitted vent

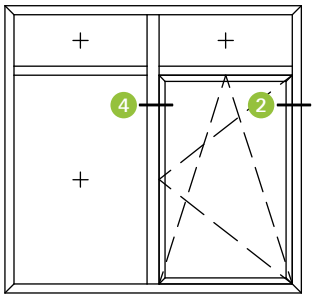


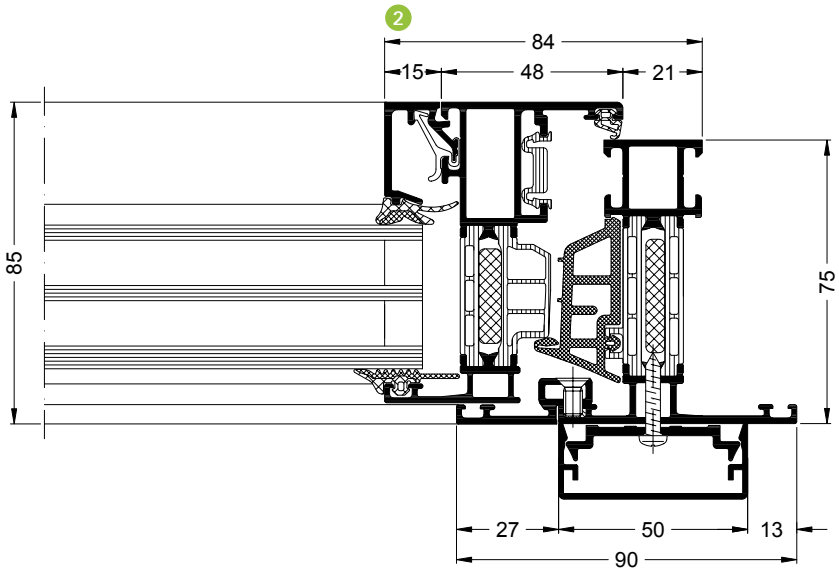




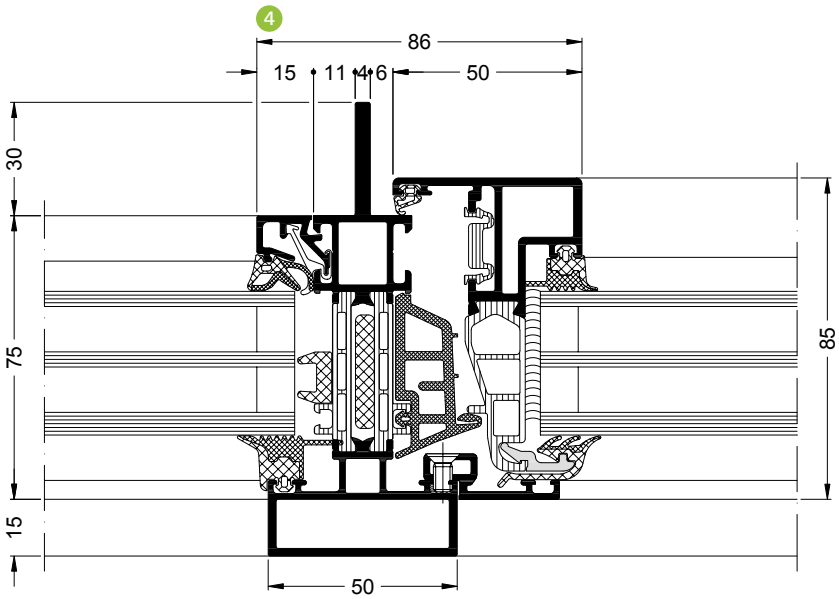
Maßstab 1:2
Scale 1:2

Blendrahmen Flügel aufschlagend/Statikpfosten Flügel aufschlagend
Outer frame with face-fitted vent/structural mullion with face-fitted vent





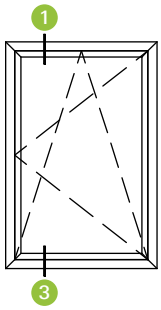
Blendrahmen Flügel aufschlagend
Outer frame with face-fitted vent



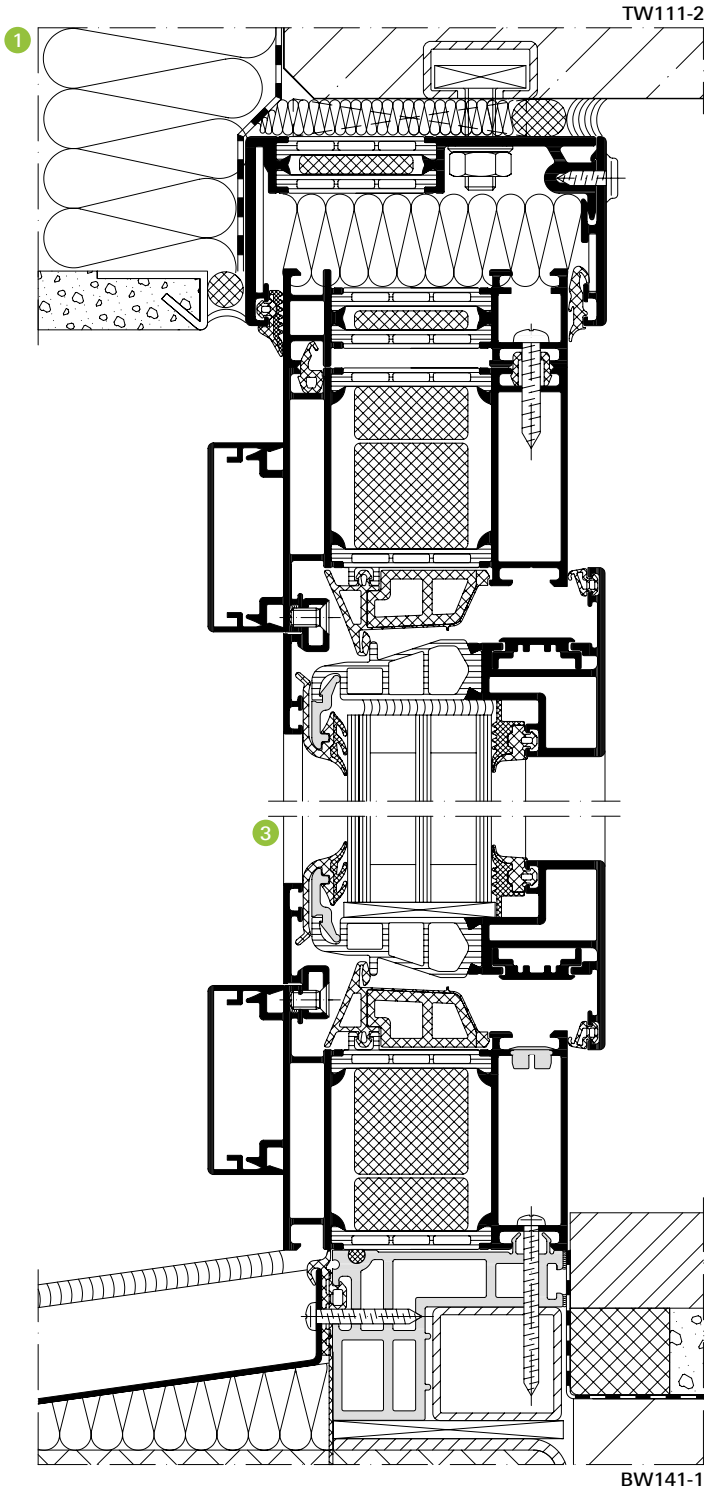
Statikpfosten Flügel aufschlagend
Structural mullion with face-fitted vent

Maßstab 1:2
Scale 1:2

Baukörperanschlüsse
Attachments to building structure



Schüco Fenster AWS 75 WF.SI+, Kopf- und Brüstungsanschluss
Schüco Window AWS 75 WF.SI+, top point and spandrel attachment



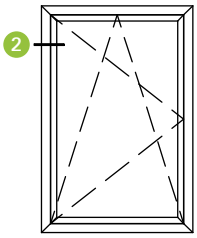
Maßstab 1:2
Scale 1:2

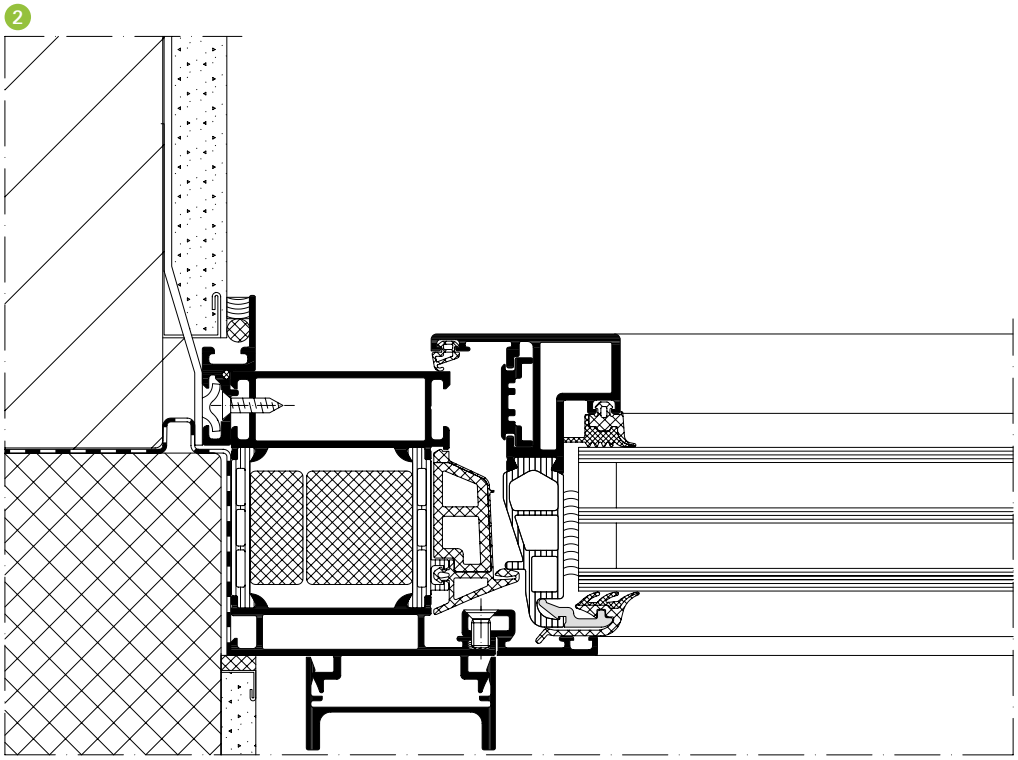
Alle in dieser Dokumentation gezeigten Baukörperanschlüsse haben eine Kennung. Die entsprechenden Zeichnungen, zusammen mit den Ausschreibungstexten, finden Sie zum Download im Service-Bereich unserer Homepage unter www.schueco.de/ba

All of the attachments to building structures shown in this document have a code identifier. The corresponding drawings, together with the specifications, are available to download from the Service area of our homepage at www.schueco.de/ab

Schüco Fenster AWS 75 WF.SI+, seitlicher Anschluss, Blendrahmen Flügel aufschlagend

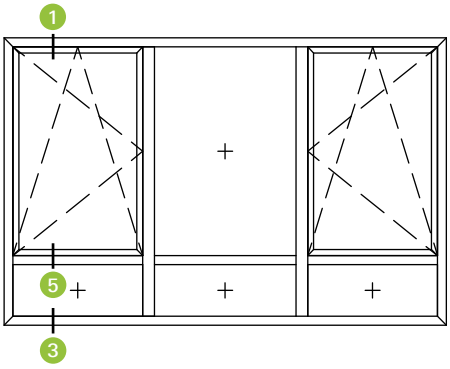
Schüco Window AWS 75 WF.SI+, side attachment, outer frame with face-fitted vent





SW141-2

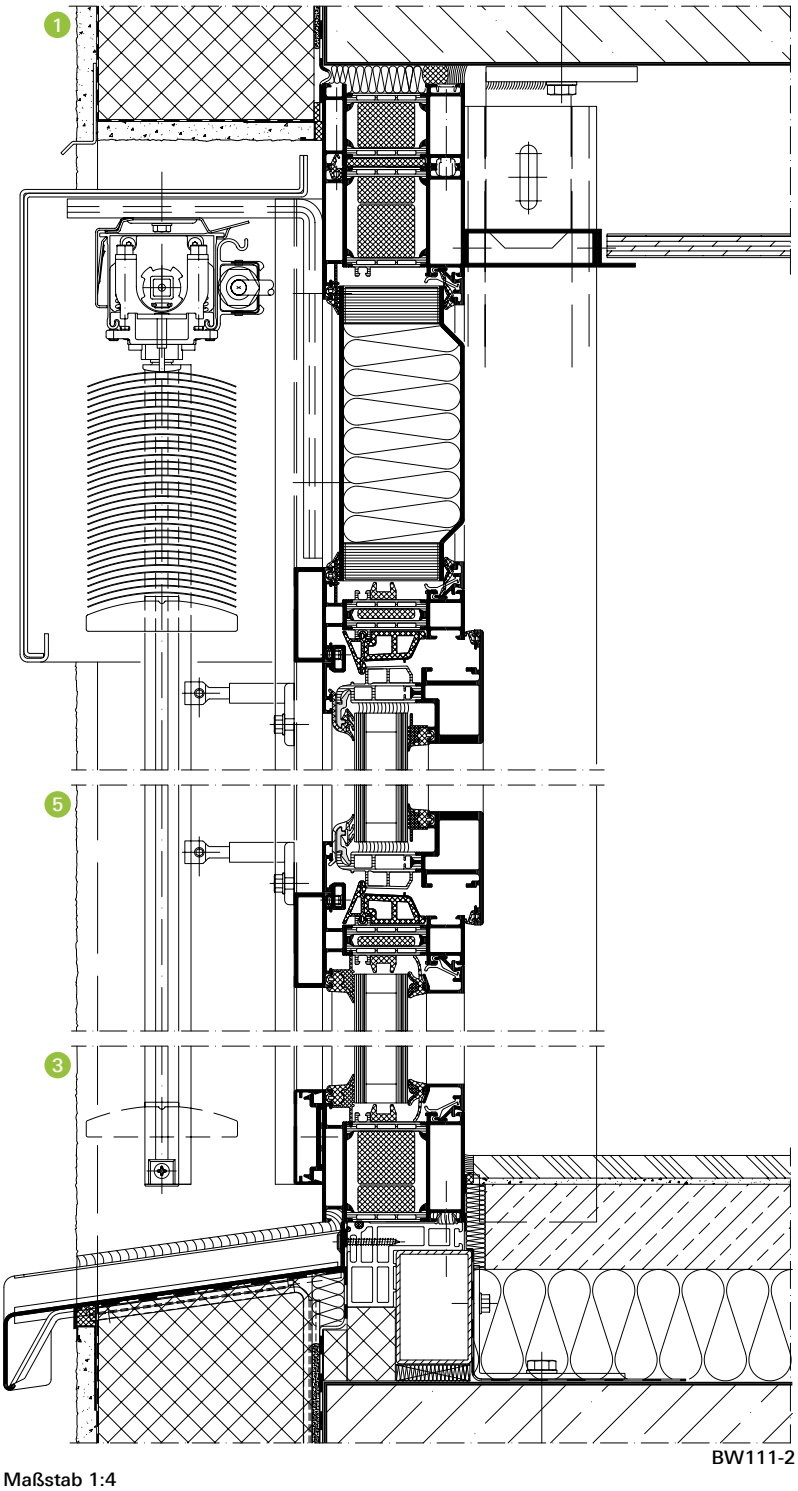
Maßstab 1:2
Scale 1:2



Schüco Fenster AWS 75 WF.SI+, Anschlüsse Fensterband an Wärmedämmverbundsystem

Schüco Window AWS 75 WF.SI+, ribbon window attachments to composite thermal insulation system

TW111-3

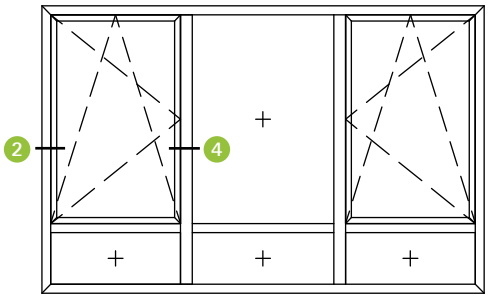


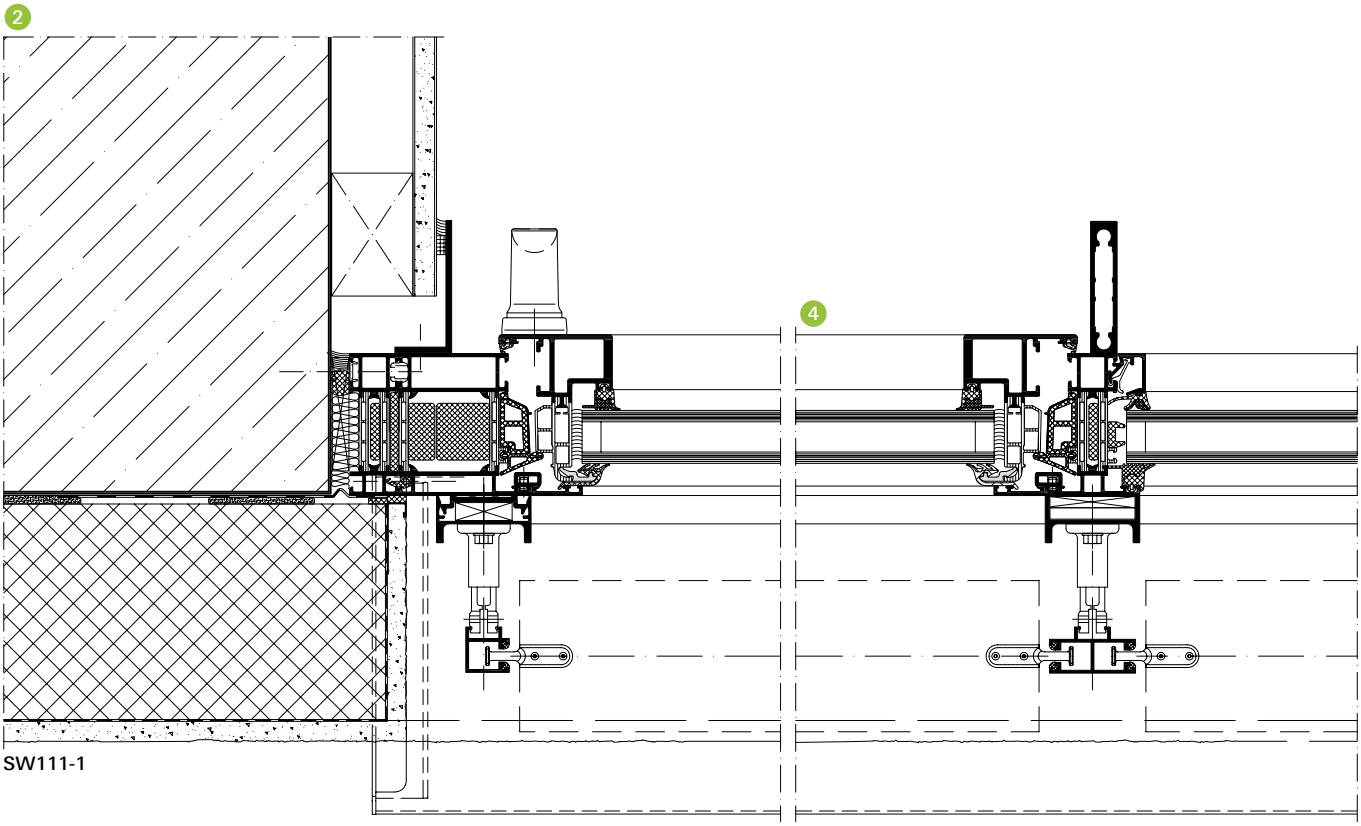
BW111-2

Maßstab 1:4
Scale 1:4

Schüco Fenster AWS 75 WF.SI+, Anschlüsse Fensterband an Wärmedämmverbundsystem

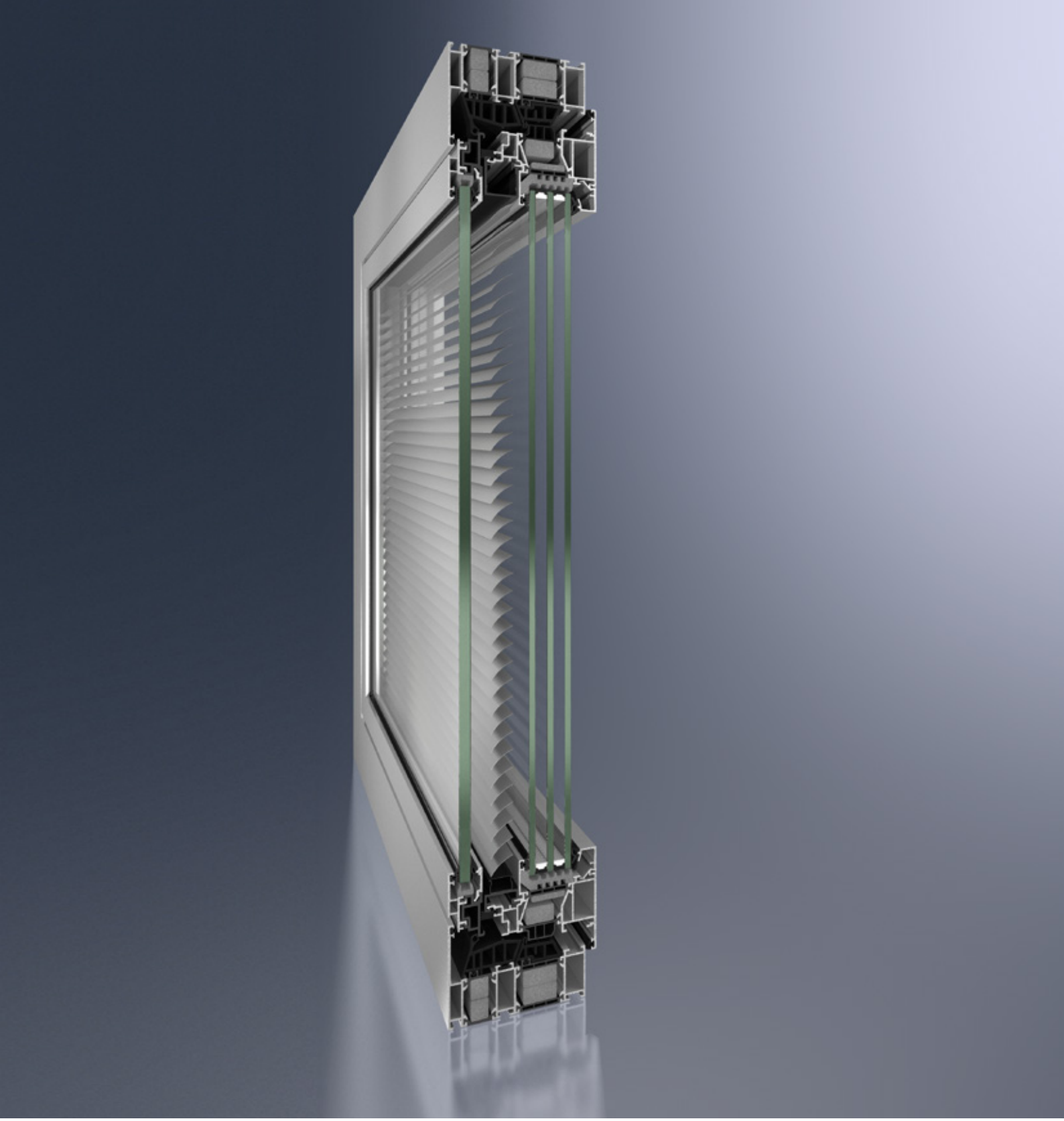
Schüco Window AWS 75 WF.SI+, ribbon window attachments to composite thermal insulation system





SW111-1

Maßstab 1:4
Scale 1:4



Verbundfenster
Composite windows

62 Standardsysteme
Standard systems
112 Blockserien
Block series
132 Fensterfassaden
Window façades

Fenstersysteme
Window Systems

144 Verbundfenster
Composite windows

146 Systemeigenschaften Schüco Fenster AWS 120 CC.SI
Schüco Window AWS 120 CC.SI system features

148 Technische Informationen
Technical information

150 Profilschnitte Schüco Fenster AWS 120 CC.SI
Profile section details for Schüco Window AWS 120 CC.SI

160 Baukörperanschlüsse
Attachments to building structure

166 Ungedämmte Systeme
Non-insulated systems

Systemeigenschaften Schüco Fenster AWS 120 CC.SI
Schüco Window AWS 120 CC.SI system features

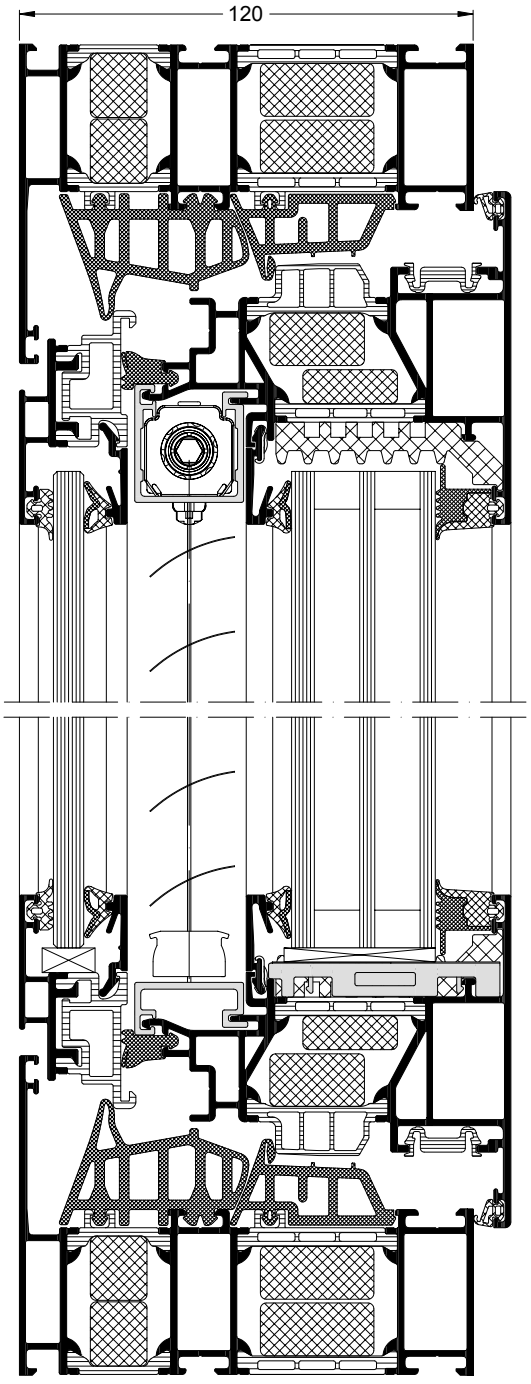
Durch das hohe Maß an integrierbaren Komfort- und Klimafunktionen ist das Schüco Verbundfenster AWS 120 CC.SI, mit dem integrierten Schüco Sonnenschutzsystem CCB, ein optimales Komplettpaket für die Fenstermodernisierung auf Passivhausniveau. Ein wesentliches Argument für das Schüco Verbundfenster AWS 120 CC.SI ist neben der optimierten Energieeffizienz auf Passivhausniveau der integrierte Sonnenschutz ohne Witterungseinfluss. Die ideale Profilintegration der verdeckt liegenden Verbundfensterjalousie erfüllt zusätzliche Designanforderungen.

The high degree of built-in comfort and climate functions make the Schüco Composite Window AWS 120 CC.SI with integrated Schüco Solar Shading System CCB the perfect complete package for window modernisation to passive house standard. A significant advantage of the Schüco Composite Window AWS 120 CC.SI is that in addition to optimised energy-efficiency to passive house standard, it has integrated solar shading which is not affected by the weather. The ideal profile integration of the concealed composite window internal blinds fulfils additional design requirements.

Schüco Fenster AWS 120 CC.SI
Schüco Window AWS 120 CC.SI

Eigenschaften und Vorteile	Features and benefits
Wärmedämmung ▪ Exzellente, skalierbare Wärmedämmung durch innovatives Isolationskonzept ab U_f = 0,85 W/(m²K) ▪ Durch wärmebrückenfreie Montage der Schüco Verbundjalousie reduzierter Wärmedurchgang	**Thermal insulation** ▪ Outstanding, scalable thermal insulation due to an innovative insulation concept with a U_f value from 0.85 W/(m²K) ▪ Reduced heat transfer due to installation of the Schüco composite Venetian blind with no thermal bridging
Optik ▪ Höchste Designansprüche durch flügelprofilintegrierte Schüco Verbund-fensterjalousie CCB (Concealed Composite Blind) verbunden mit minimalster Außenansicht ▪ Äußerer Flügel mit Structural Glazing-Optik als Option ▪ Mehrfarbige Profilgestaltung	**Appearance** ▪ Highest design quality due to the Schüco CCB (Concealed Composite Blind) being integrated into the vent profile, which means it is only visible to a minimal extent from the outside ▪ Outer vent with structural glazing look also available ▪ Profile design in more than one colour
Funktionalität ▪ Erhöhter Schallschutz durch doppelte Mitteldichtungsebene und Mehrscheibenprinzip ▪ Verbesserte Kondensatreduktion durch optimierten Lüftungsquerschnitt zur kontrollierten Belüftung des Scheibenzwischenraumes ▪ Verdeckt liegende seitliche Spannseilführungen sowie integriertes Bodenprofil des Schüco Sonnenschutzes ▪ Clips-Montage der vorkonfektionierten Schüco Verbundjalousie ▪ Vereinfachte Elektroschnittstelle durch vormontierten Stecker (Plug and Play) ▪ Geprüftes Gesamtpaket aus einer Hand (Schüco Verbundfenster inklusive Schüco Verbundfensterjalousie) ▪ Entwässerung im tiefsten Profilpunkt ▪ Verdeckt liegender Schüco AvanTec SimplySmart Systembeschlag sowie Flügelprofile für Schüco TipTronic ▪ Einbruchhemmung bis RC 3 (WK3) ▪ Glasstärken bis 50 mm im Flügel und bis 100 mm im Festfeld einsetzbar	**Functionality** ▪ Increased sound reduction due to double centre gasket level and multi-pane principle ▪ Improved reduction of condensation due to optimised ventilation cross section for controlled ventilation of the space between the panes ▪ Concealed side tensioning cord guides and integrated base profile for the Schüco solar shading ▪ Clip installation of the ready-to-use Schüco composite Venetian blind ▪ Simplified electrical interface due to pre-assembled plugs (Plug and Play) ▪ Certified complete package from a single source (Schüco composite window including Schüco composite window Venetian blind) ▪ Drainage at the lowest profile point ▪ Concealed Schüco AvanTec SimplySmart system fittings and vent profiles for Schüco TipTronic ▪ Burglar resistance to RC 3 (WK3) ▪ Glass thicknesses up to 50 mm can be used in vents and up to 100 mm in fixed lights

Technische Informationen
Technical information



Maßstab 1:2
Scale 1:2

Schüco System Schüco System	AWS 120 CC.SI
Abmessungen Dimensions	
Bautiefe Blendrahmen Basic depth of outer frame	120 mm
Bautiefe Flügelrahmen Basic depth of leaf frame	130 mm
Glasstärke Festfeld Glass thickness of fixed light	34 – 100 mm
Glasstärke Flügel Glass thickness of vent	24 – 50 mm
Glasstärke Vorsatzflügel Glass thickness of front vent	4 – 10 mm
Prüfungen und Normen Tests and standards	
Wärmedämmung nach DIN EN ISO 10077-2 Thermal insulation in accordance with DIN EN ISO 10077-2	U_f bis to 0,83 W/(m²K)
Schalldämmung nach DIN EN ISO 140-3 Sound insulation in accordance with DIN EN ISO 140-3	bis to R_w 48 dB
Einbruchhemmung nach DIN EN 1627 (DIN V ENV 1627) Burglar resistance in accordance with DIN EN 1627 (DIN V ENV 1627)	bis to RC 3 (WK3)
Luftdurchlässigkeit nach DIN EN 12207 Air permeability in accordance with DIN EN 12207	Klasse Class 4
Schlagregendichtheit nach DIN EN 12208 * Watertightness in accordance with DIN EN 12208 *	Klasse Class 9a
Windlastwiderstand nach DIN EN 12210 Wind load resistance in accordance with DIN EN 12210	Klasse Class C5 / B5
Mechanische Beanspruchung nach DIN EN 13115 Mechanical loading in accordance with DIN EN 13115	Klasse Class 4
Dauerfunktion nach DIN EN 12400 Resistance to repeated opening and closing in accordance with DIN EN 12400	Klasse Class 3

* Durchbiegungsverhalten profilabhängig
The amount of deflection will depend on the profile

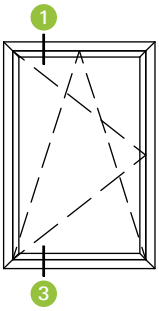
Schalldämmung
Sound insulation

Schüco System Schüco System	Bewertetes Schalldämm-Maß R_w (C;C_{tr}) Weighted sound reduction index R_w (C;C_{tr})	Verglasung Glazing
AWS 120 CC.SI	Auf Anfrage On request	Auf Anfrage On request

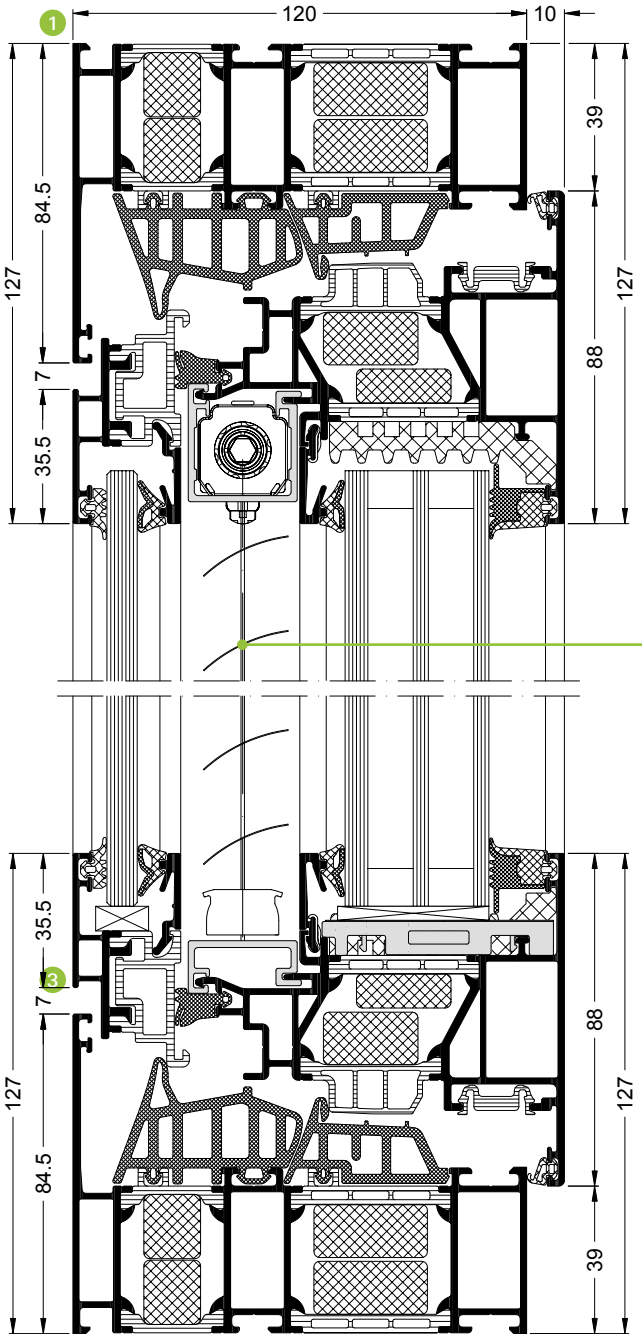
Hinweis
Durch die Angabe der Spektrum-Anpassungswerte C und C_{tr} soll die Übereinstimmung zwischen den Messwerten abgeleiteten Einzahlwerten und der subjektiv empfundenen Schalldämmung verbessert werden.
Nach DIN EN 14351 ist eine Änderung der Isolierglaseinheit ohne neue Prüfung des Fensters zulässig, vorausgesetzt, dass die Isolierglaseinheit mindestens das gleiche bewertete Schalldämm-Maß R_w und $R_w + C_{tr}$ aufweist (Daten aus der Prüfung nach EN ISO 140-3 oder generische Daten, siehe EN 12758 oder EN 12354-3). Das gilt auch für 3-fach-Isolierglas.

Note
By specifying the spectrum adaptation values C and C_{tr}, the correlation between the singular values derived from the measurement values and the perceived level of sound insulation are improved.
To conform with DIN EN 14351, the insulating glass unit can be changed without testing the window again, provided there is proof that the insulating glass unit has at least same weighted sound reduction index R_w and $R_w + C_{tr}$ (this information can be taken from tests in accordance with EN ISO 140-3 or generic data, see EN 12758 or EN 12354-3). This also applies to triple insulating glass.

Profilschnitte Schüco Fenster AWS 120 CC.SI
Profile section details for Schüco Window AWS 120 CC.SI



Flügel mit integriertem Sonnenschutz
Vent with integrated solar shading

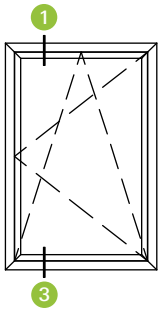


Integrierter Sonnenschutz optional einsetzbar
Integrated solar shading available as an option

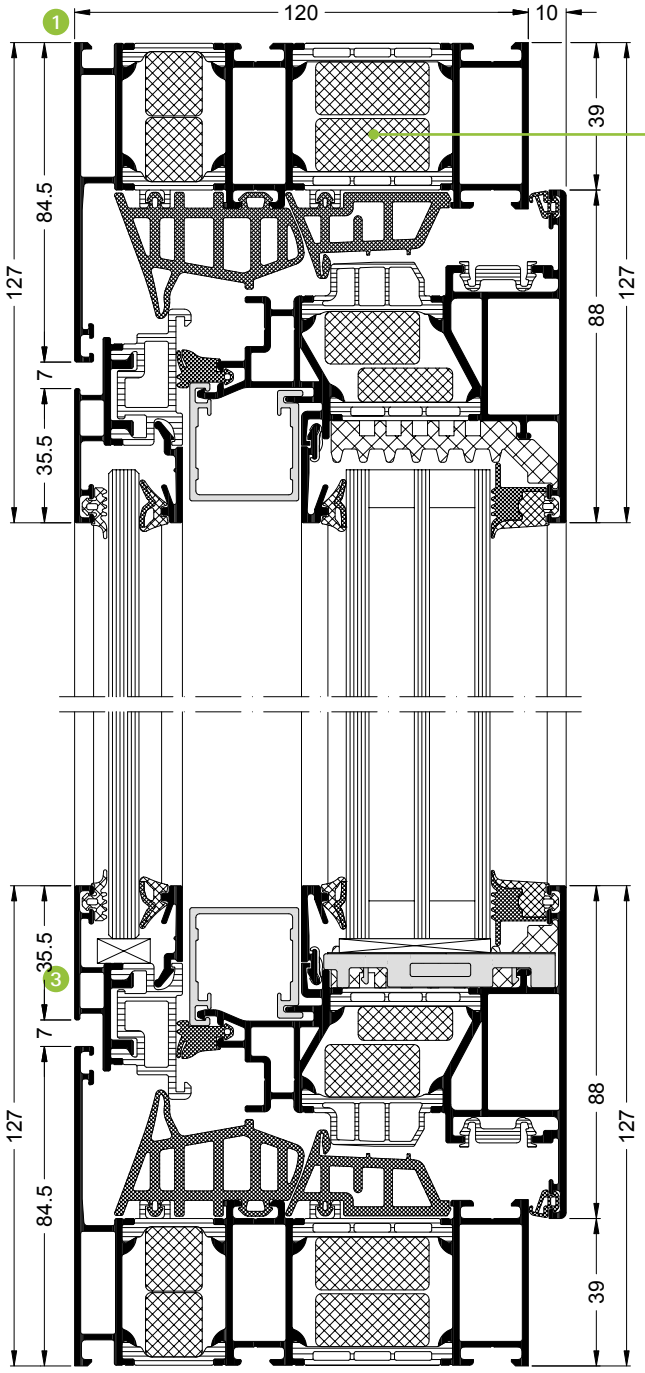
Hinweis
Durch den Einsatz der Sonnenschutzlamellen kommt es zur Erwärmung im Flügelzwischenraum. Es wird Einscheibensicherheitsglas empfohlen. Die Auswahl der Scheiben und Isoliergläser ist mit dem Scheibenlieferanten abzustimmen.

Note
The use of solar shading louvre blades causes the space between the vents to heat up. The use of toughened safety glass is recommended. The choice of panes and insulating glass must be agreed with the glass supplier.

Maßstab 1:2
Scale 1:2



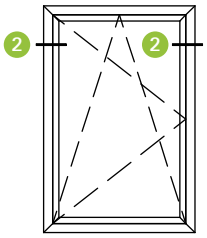
Flügel ohne Sonnenschutz
Vent without integrated solar shading

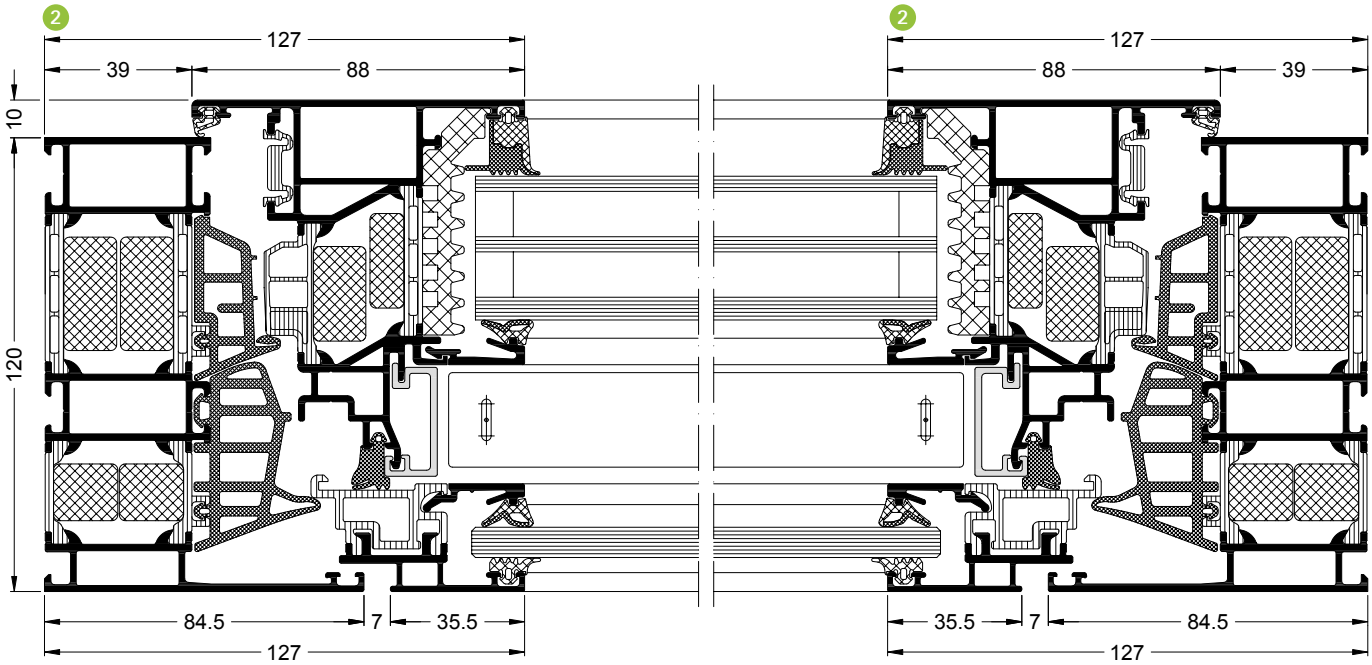


Flexibles Dämmniveau durch unterschiedliche Ausführungsvarianten
Flexible level of insulation due to different design options

Maßstab 1:2
Scale 1:2

Flügel mit integriertem Sonnenschutz
Vent with integrated solar shading



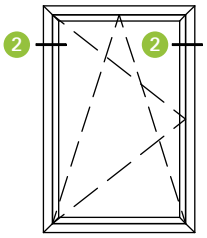


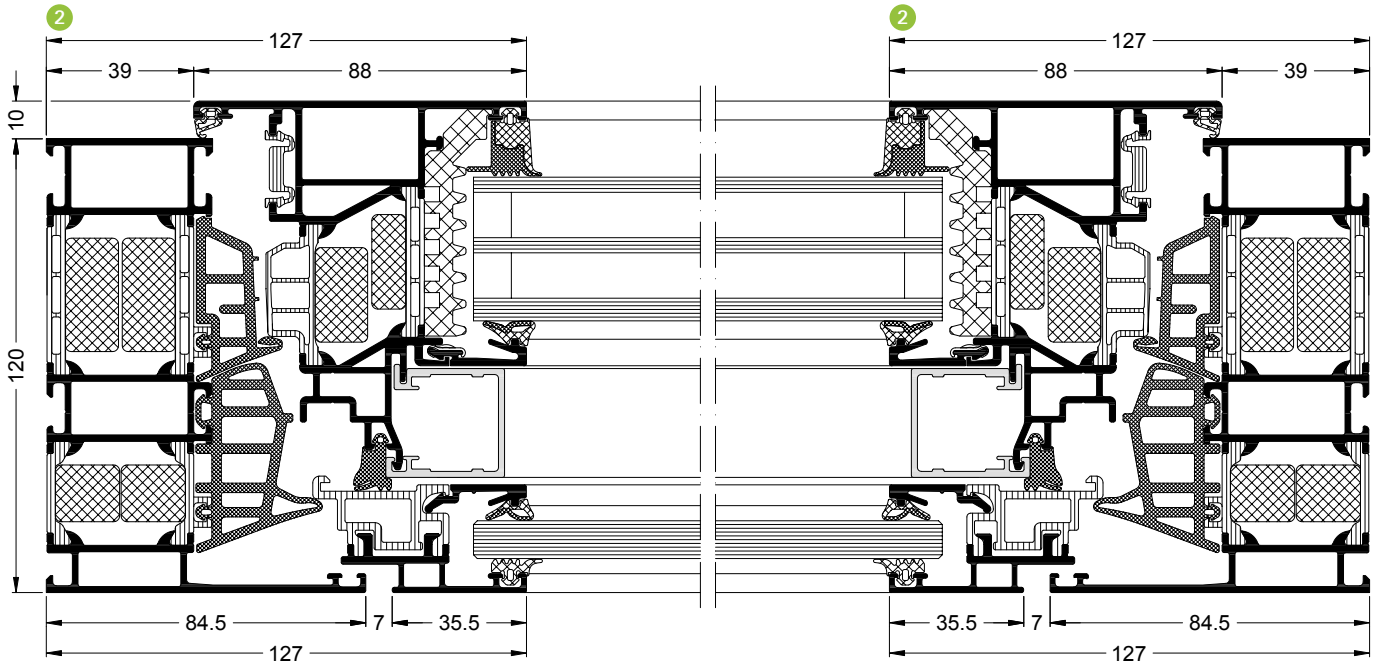
Hinweis
Durch den Einsatz der Sonnenschutzlamellen kommt es zur Erwärmung im Flügelzwischenraum. Es wird Einscheibensicherheitsglas empfohlen. Die Auswahl der Scheiben und Isoliergläser ist mit dem Scheibenlieferanten abzustimmen.

Note
The use of solar shading louvre blades causes the space between the vents to heat up. The use of toughened safety glass is recommended. The choice of panes and insulating glass must be agreed with the glass supplier.

Maßstab 1:2
Scale 1:2

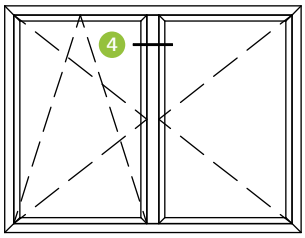
Flügel ohne integrierten Sonnenschutz
Vent without integrated solar shading



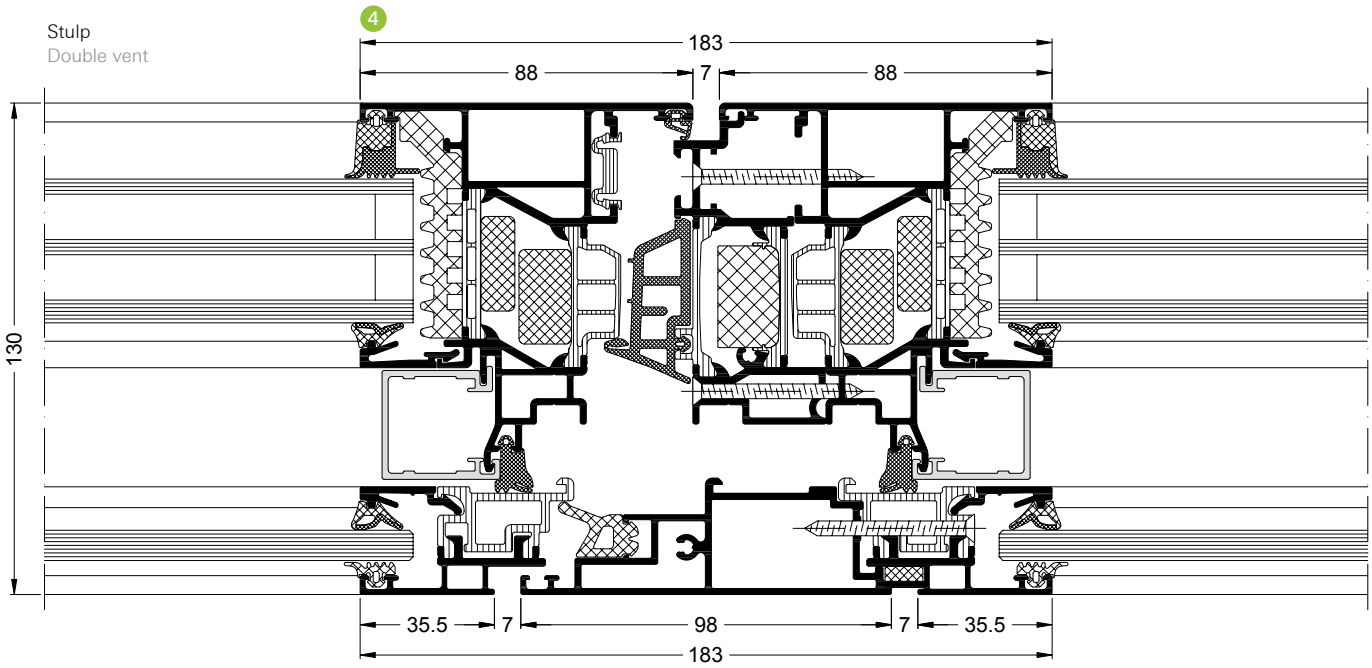


Maßstab 1:2
Scale 1:2

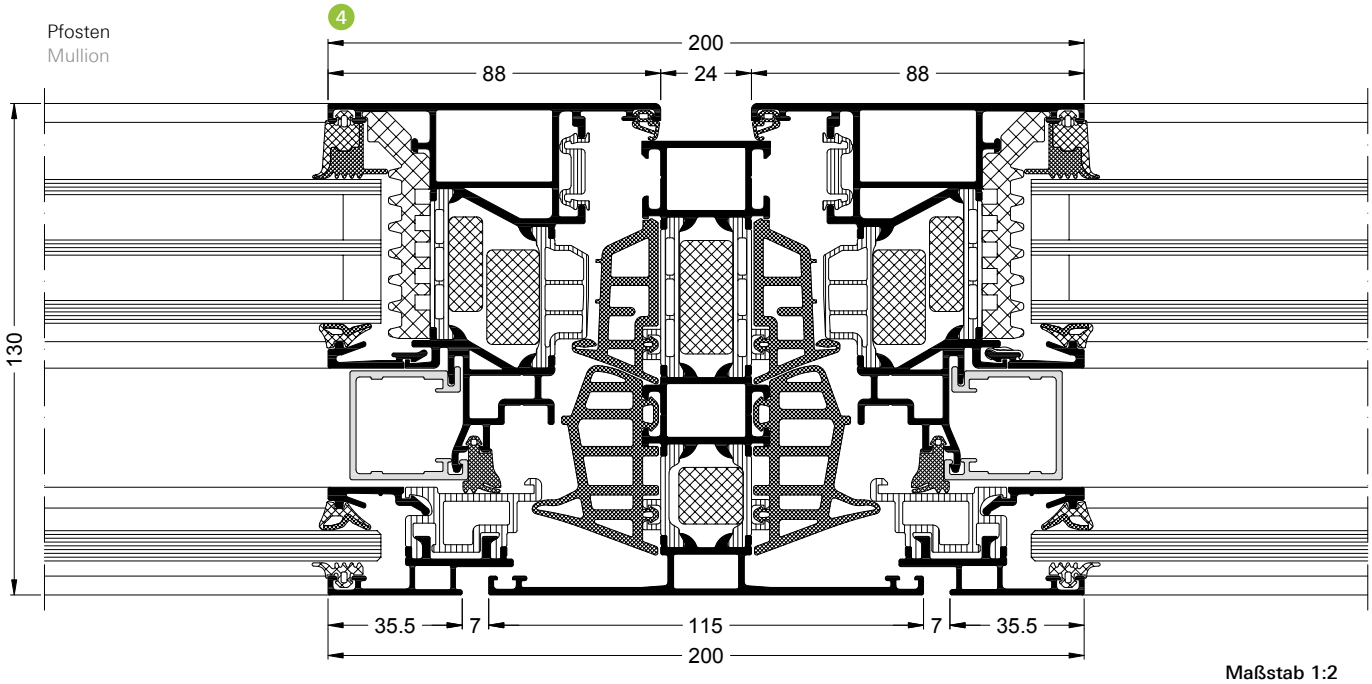
Stulp/Pfosten
Double vent/mullion



Stulp
Double vent

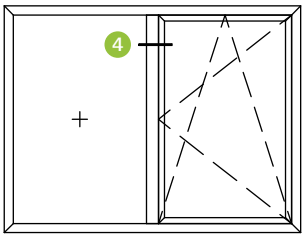


Pfosten
Mullion

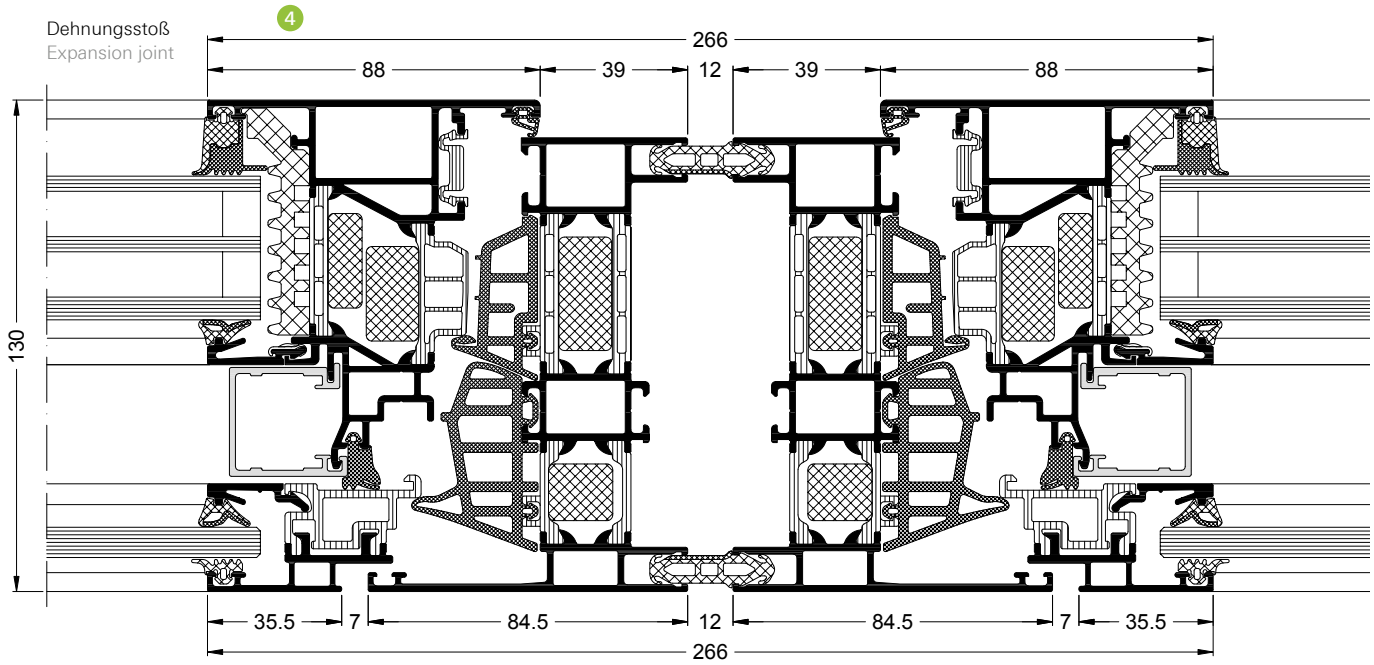


Maßstab 1:2
Scale 1:2

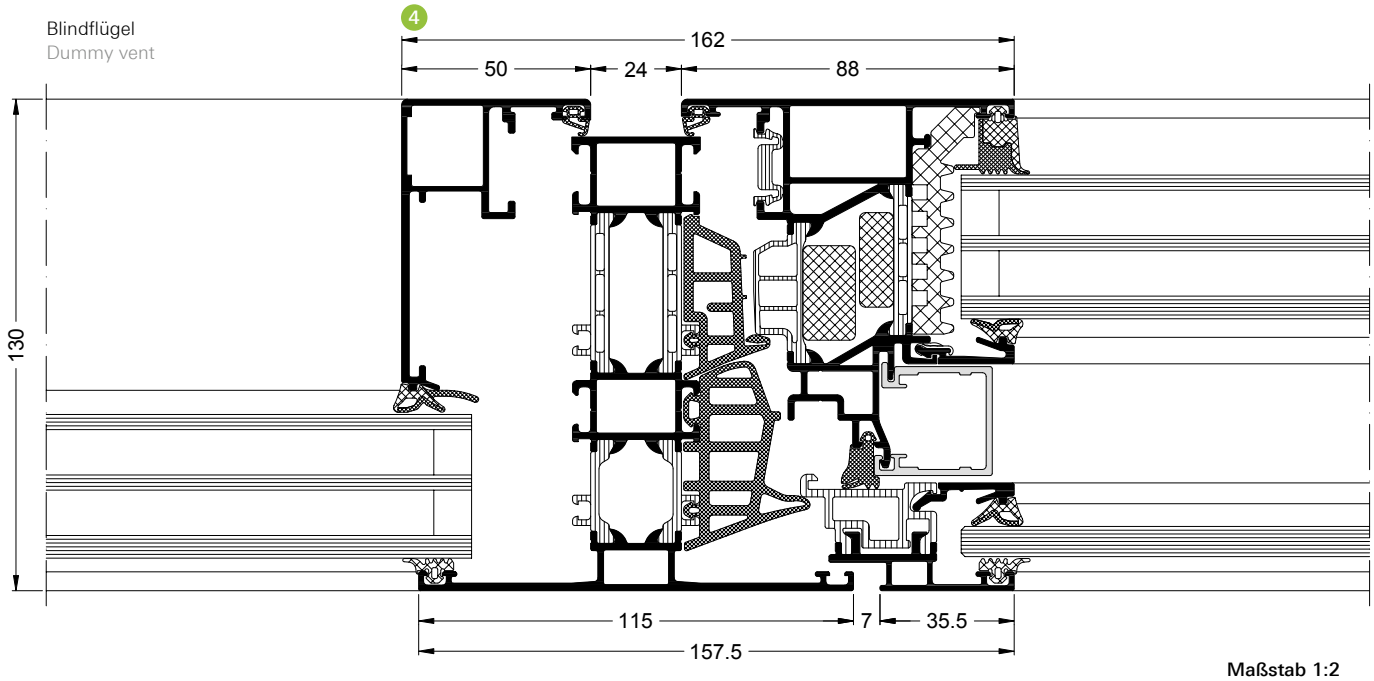
Dehnungsstoß/Blindflügel
Expansion joint/dummy vent



Dehnungsstoß
Expansion joint

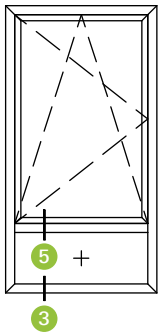


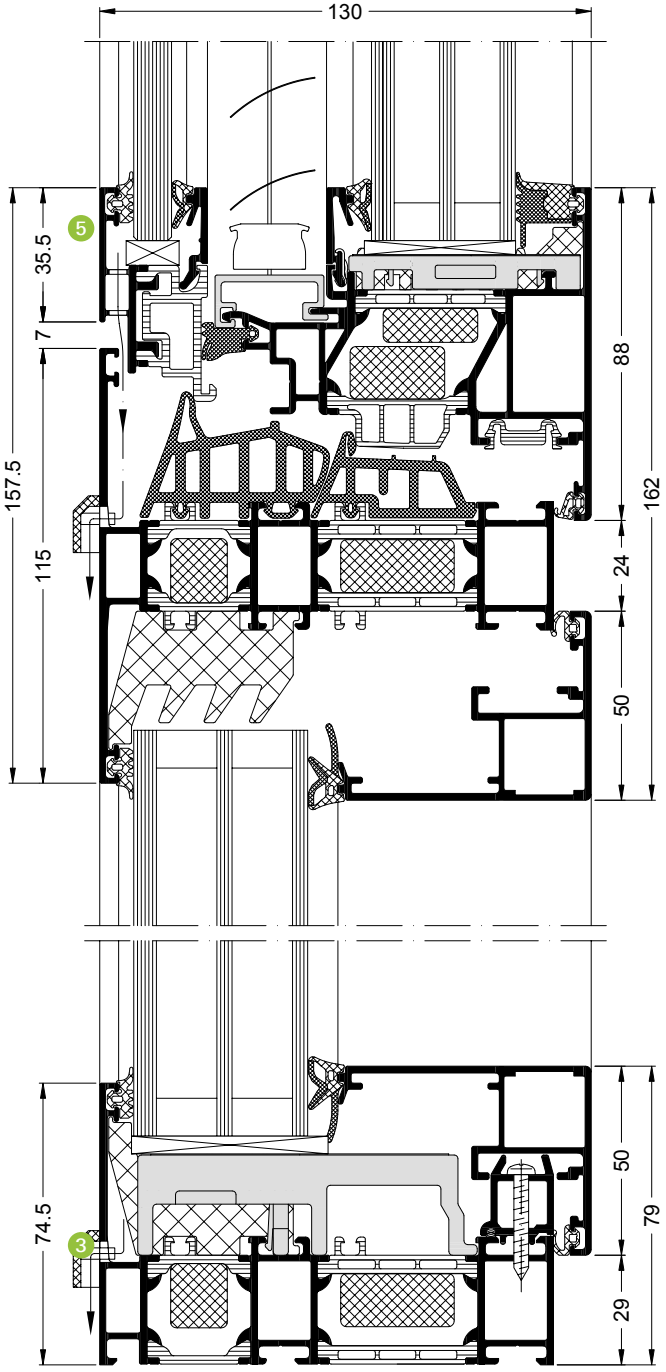
Blindflügel
Dummy vent



Maßstab 1:2
Scale 1:2

Flügel und Festverglasung
Vent and fixed glazing

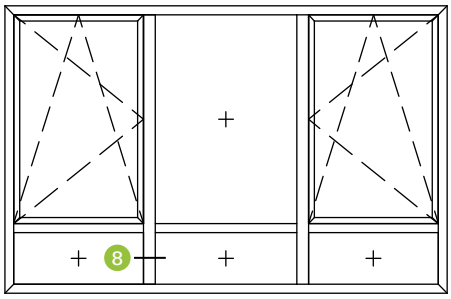


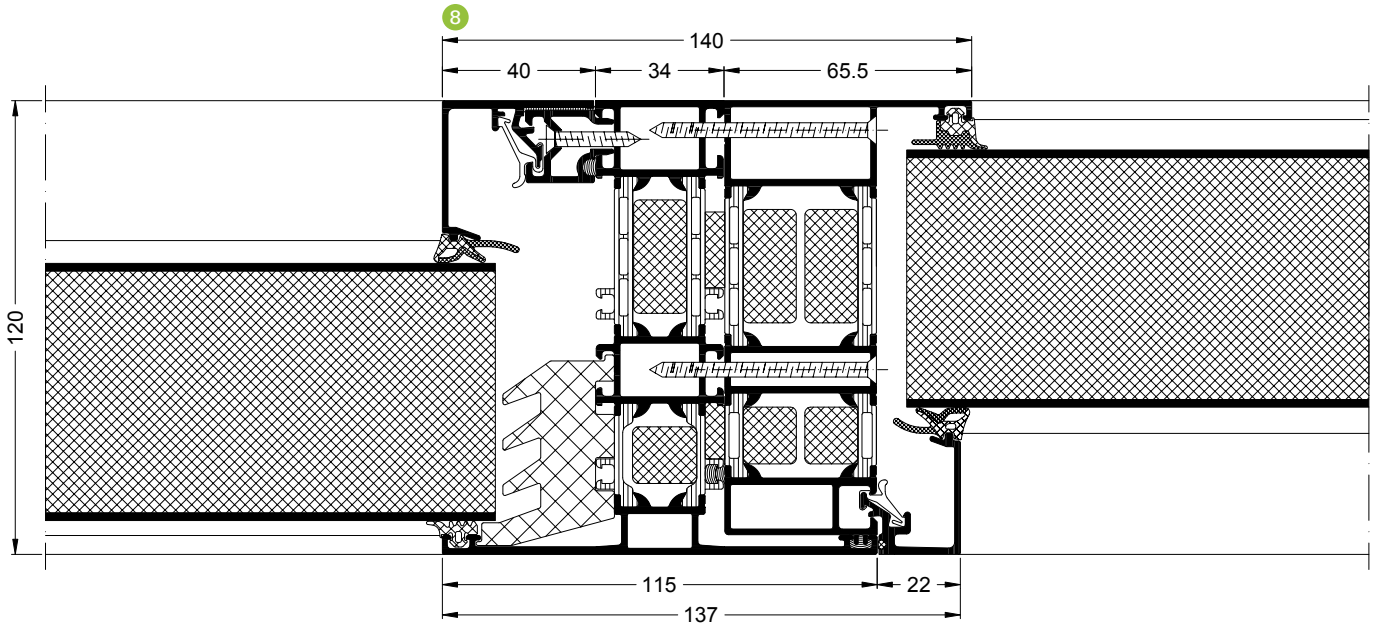


Maßstab 1:2
Scale 1:2

Festfeld Riegel/Pfosten Wechselprofil

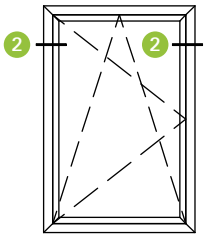
Fixed light, transom/mullion, reverse rebate profile

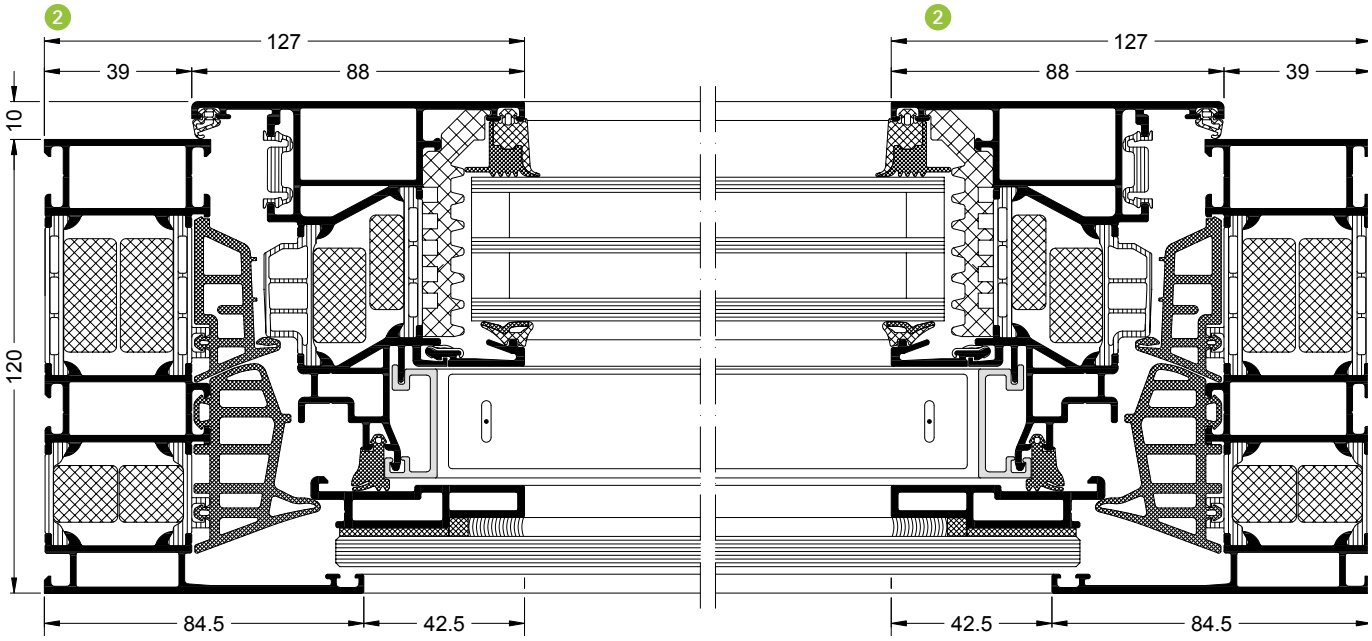




Maßstab 1:2
Scale 1:2

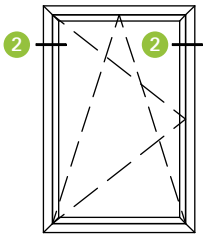
Äußerer Flügel mit Structural-Glazing-Optik
Outer vent with structural glazing look

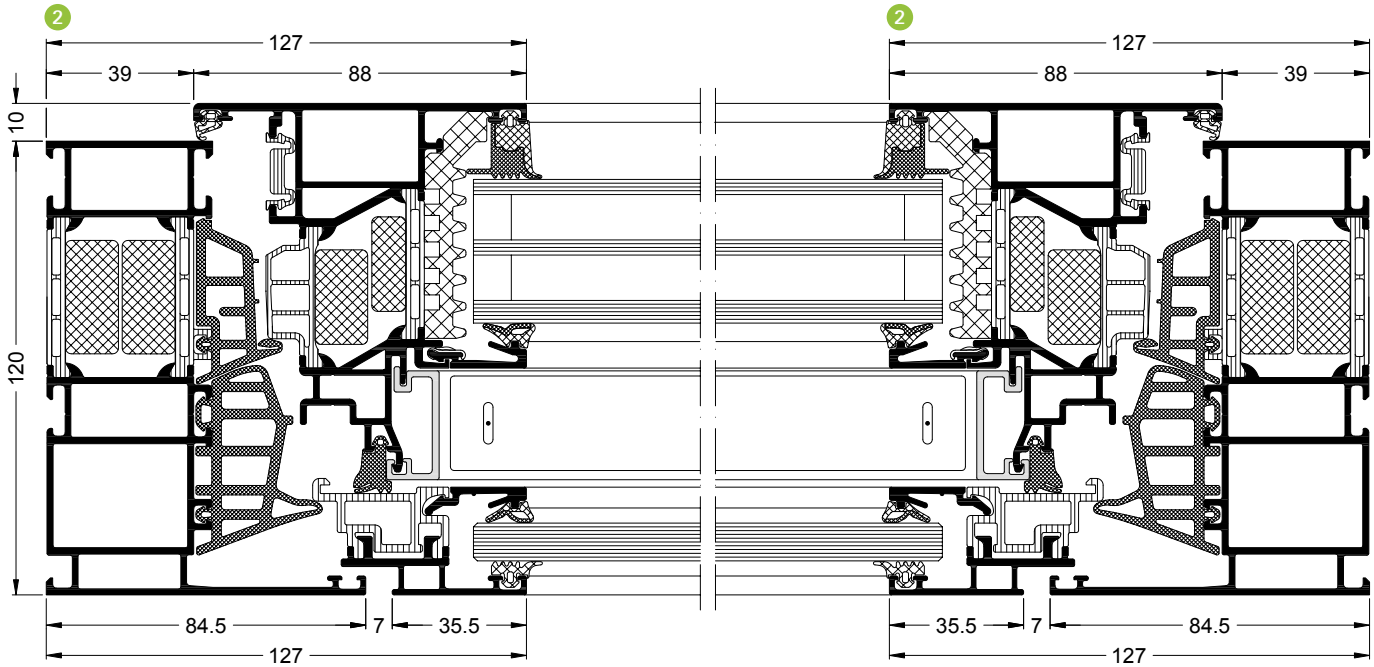




Maßstab 1:2
Scale 1:2

Flügel mit integriertem Sonnenschutz – Dämmvariante
Vent with integrated solar shading – insulated version

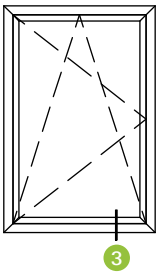




Maßstab 1:2
Scale 1:2

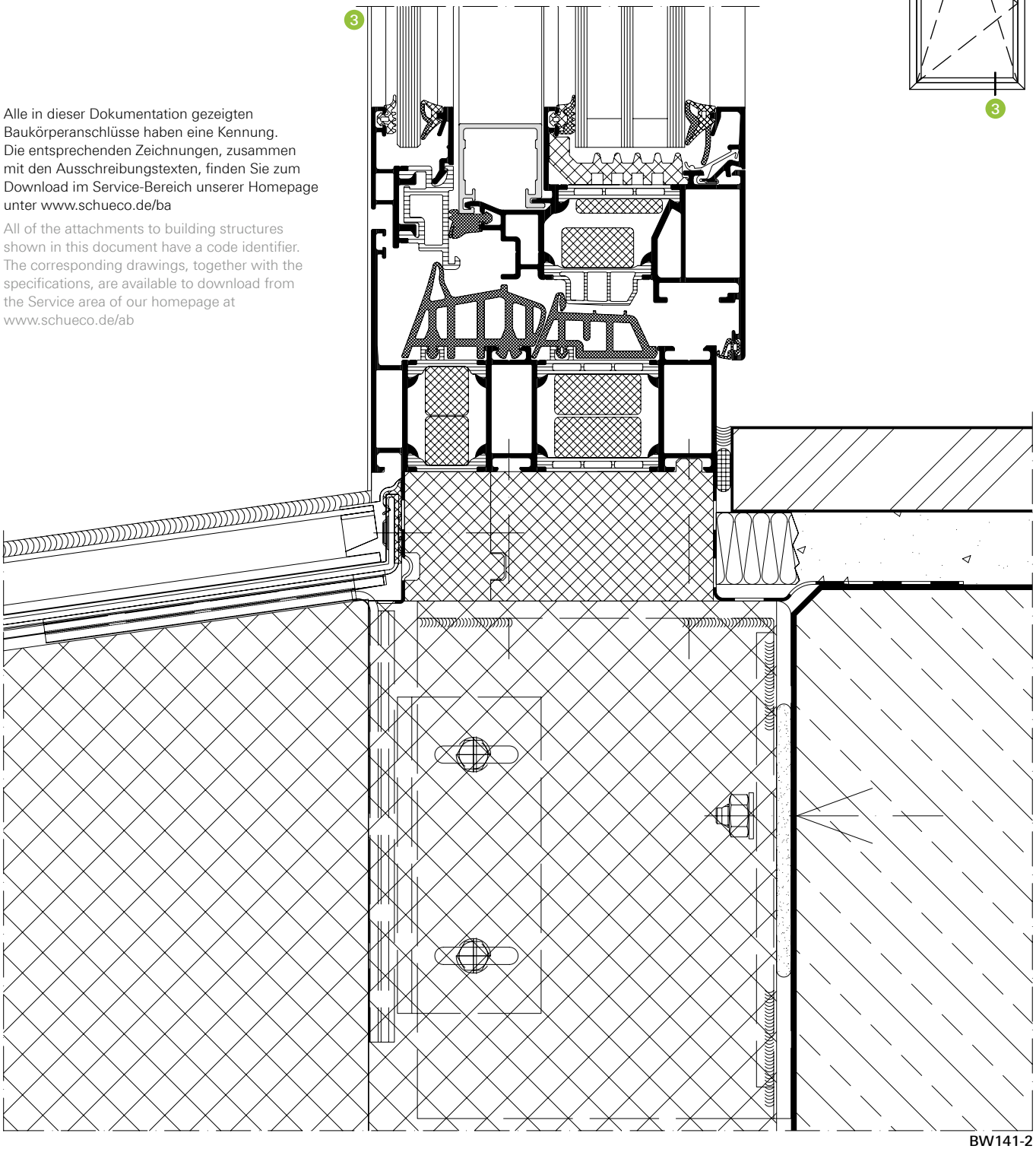
Baukörperanschlüsse
Attachments to building structure

Schüco Fenster AWS 120 CC.SI, Brüstungsanschluss an Wärmedämmverbundsystem
Schüco Window AWS 120 CC.SI, spandrel attachment to composite thermal insulation system



Alle in dieser Dokumentation gezeigten Baukörperanschlüsse haben eine Kennung. Die entsprechenden Zeichnungen, zusammen mit den Ausschreibungstexten, finden Sie zum Download im Service-Bereich unserer Homepage unter www.schueco.de/ba

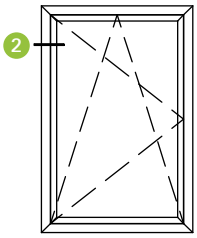
All of the attachments to building structures shown in this document have a code identifier. The corresponding drawings, together with the specifications, are available to download from the Service area of our homepage at www.schueco.de/ab

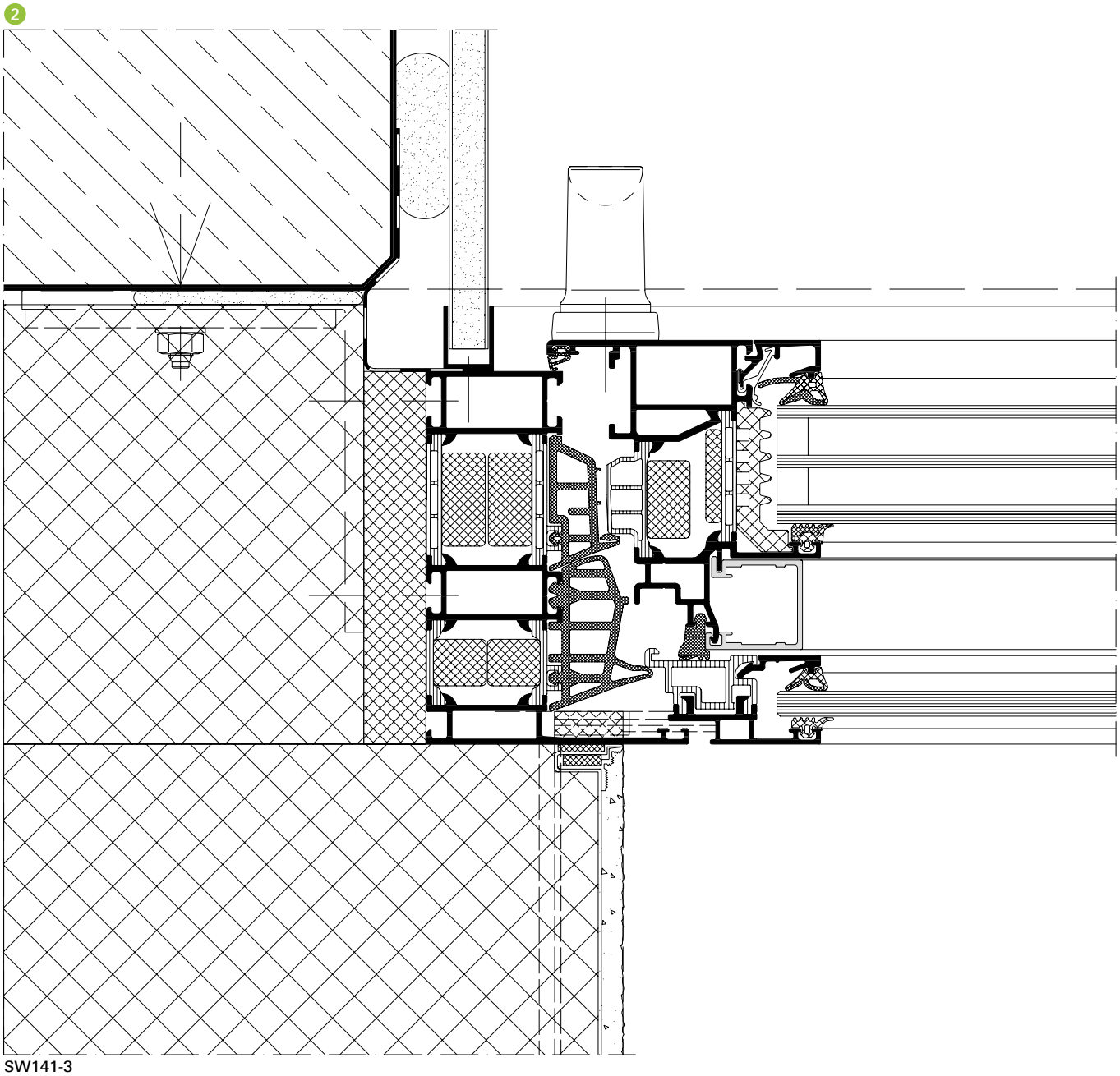


BW141-2

Maßstab 1:2
Scale 1:2

Schüco Fenster AWS 120 CC.SI, seitlicher Anschluss an Wärmedämmverbundsystem
Schüco Window AWS 120 CC.SI, side attachment to composite thermal insulation system

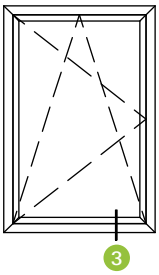


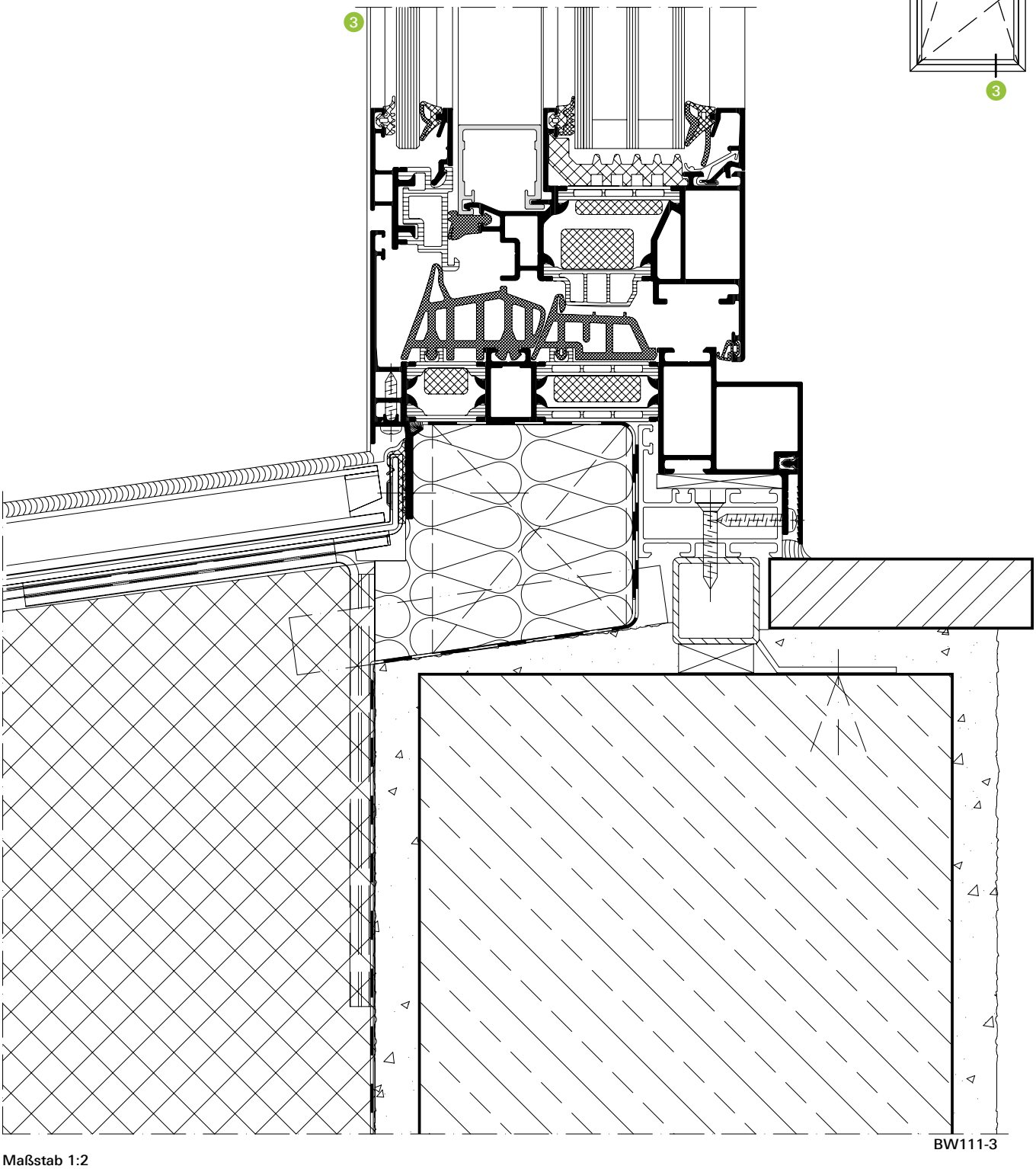


SW141-3

Maßstab 1:2
Scale 1:2

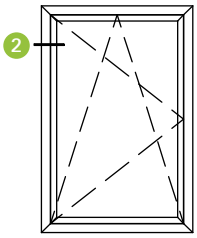
Rationelle Modernisierung mit Schüco Fenster AWS 120 CC.SI,
Brüstungsanschluss an Wärmedämmverbundsystem ohne Blendrahmenbearbeitung
Efficient modernisation with Schüco Window AWS 120 CC.SI,
spandrel attachment to composite thermal insulation system without outer frame preparation

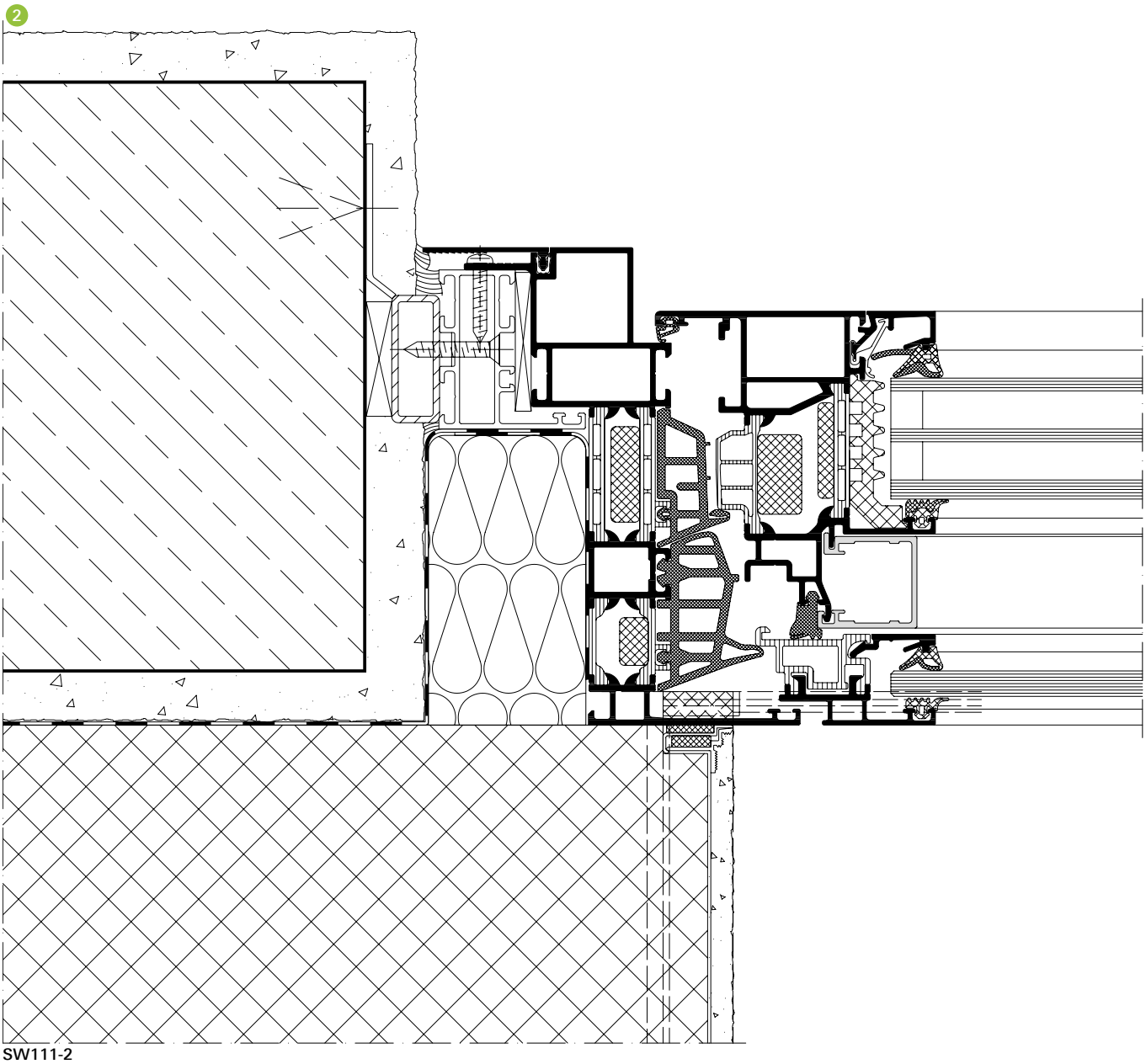




Maßstab 1:2
Scale 1:2

Rationelle Modernisierung mit Schüco Fenster AWS 120 CC.SI,
seitlicher Anschluss an Wärmedämmverbundsystem ohne Blendrahmenbearbeitung
Efficient modernisation with Schüco Window AWS 120 CC.SI,
side attachment to composite thermal insulation system without outer frame preparation



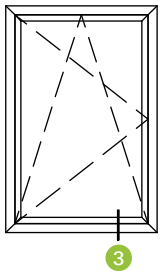


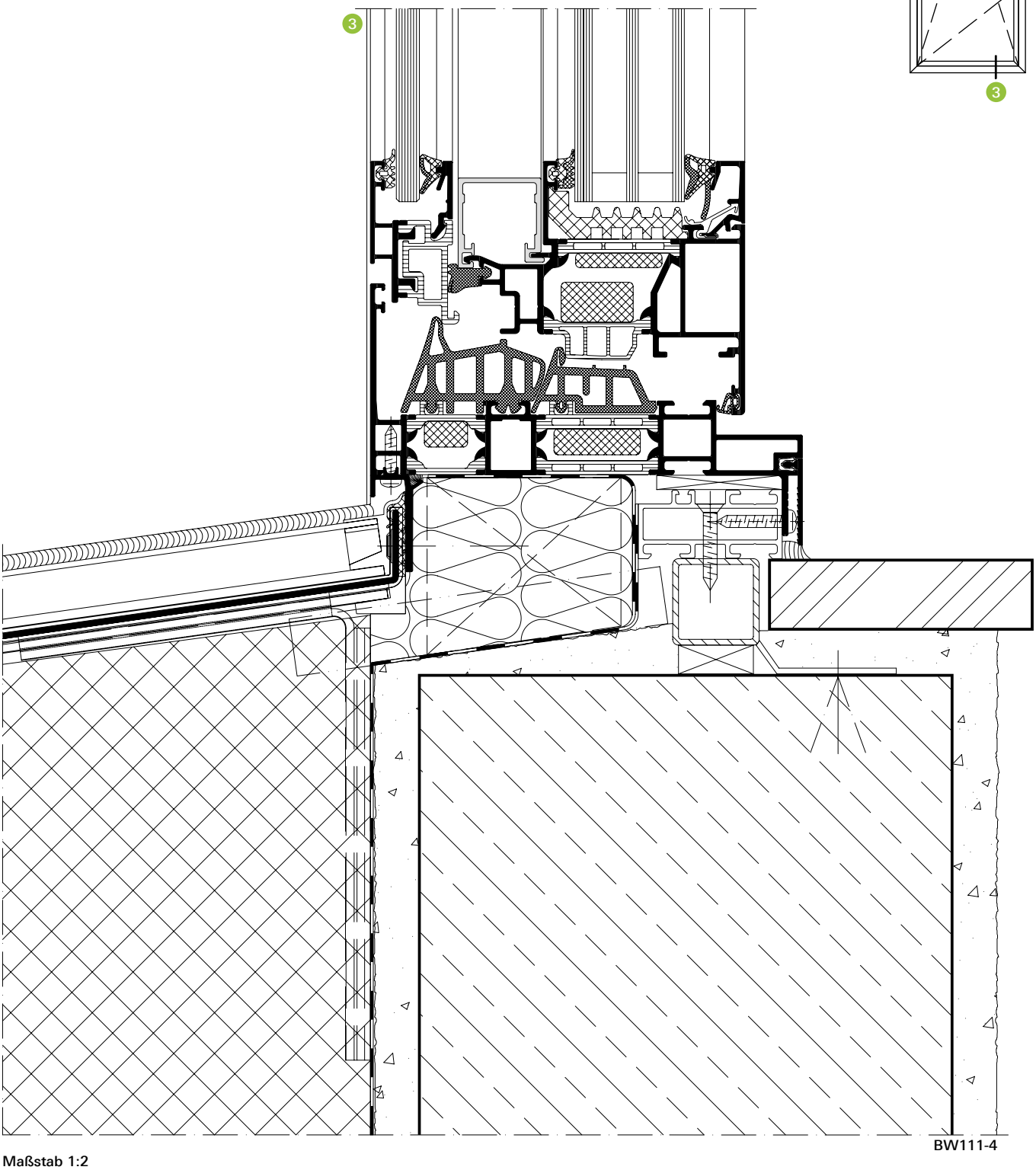
SW111-2

Maßstab 1:2
Scale 1:2

Rationelle Modernisierung mit Schüco Fenster AWS 120 CC.SI, Brüstungsanschluss an Wärmedämmverbundsystem mit Blendrahmenbearbeitung für schmale Ansichten

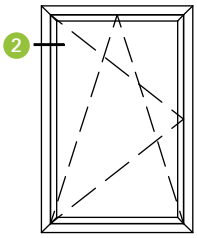
Efficient modernisation with Schüco Window AWS 120 CC.SI, spandrel attachment to composite thermal insulation system with outer frame preparation for narrow face widths

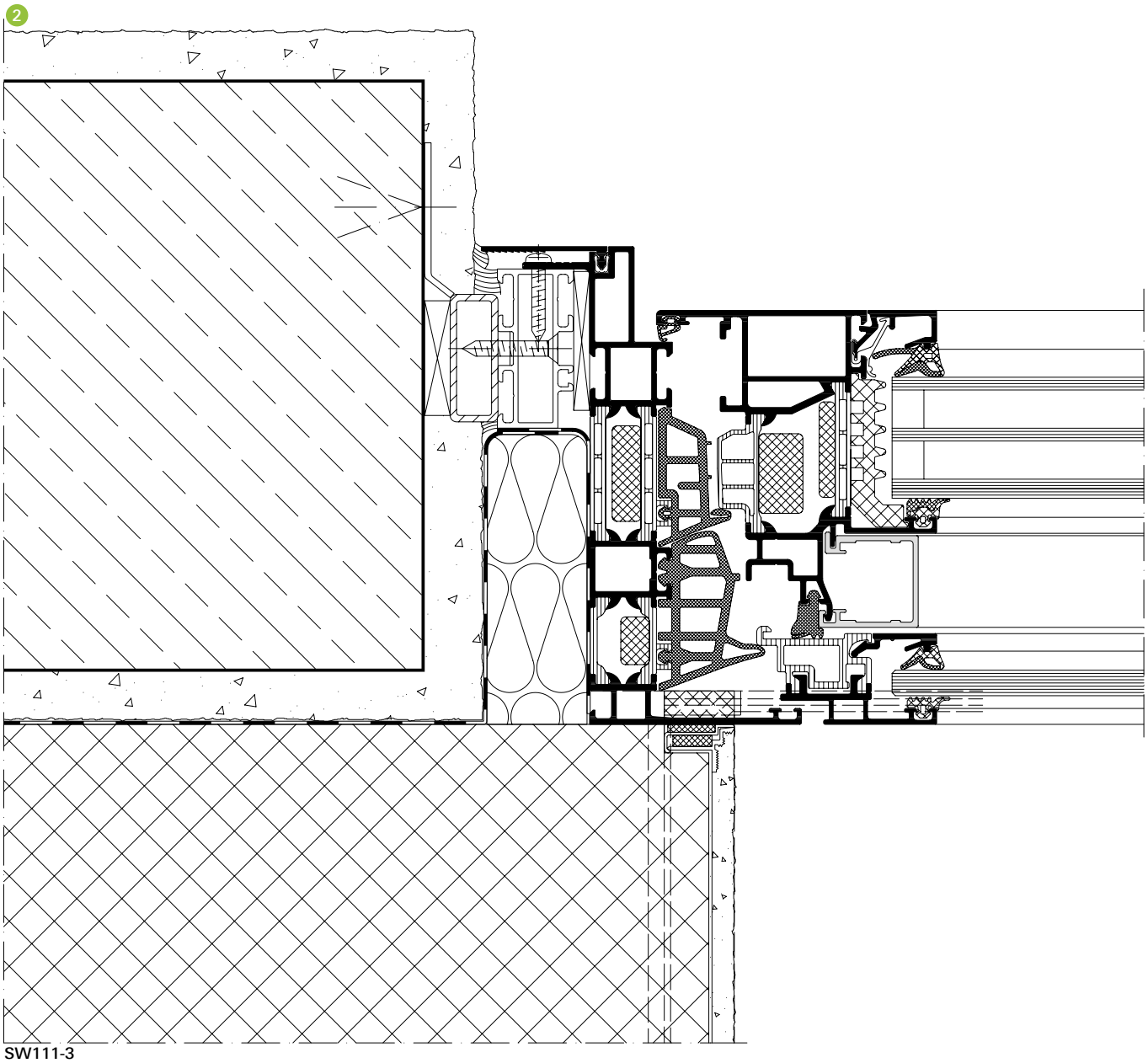




Maßstab 1:2
Scale 1:2

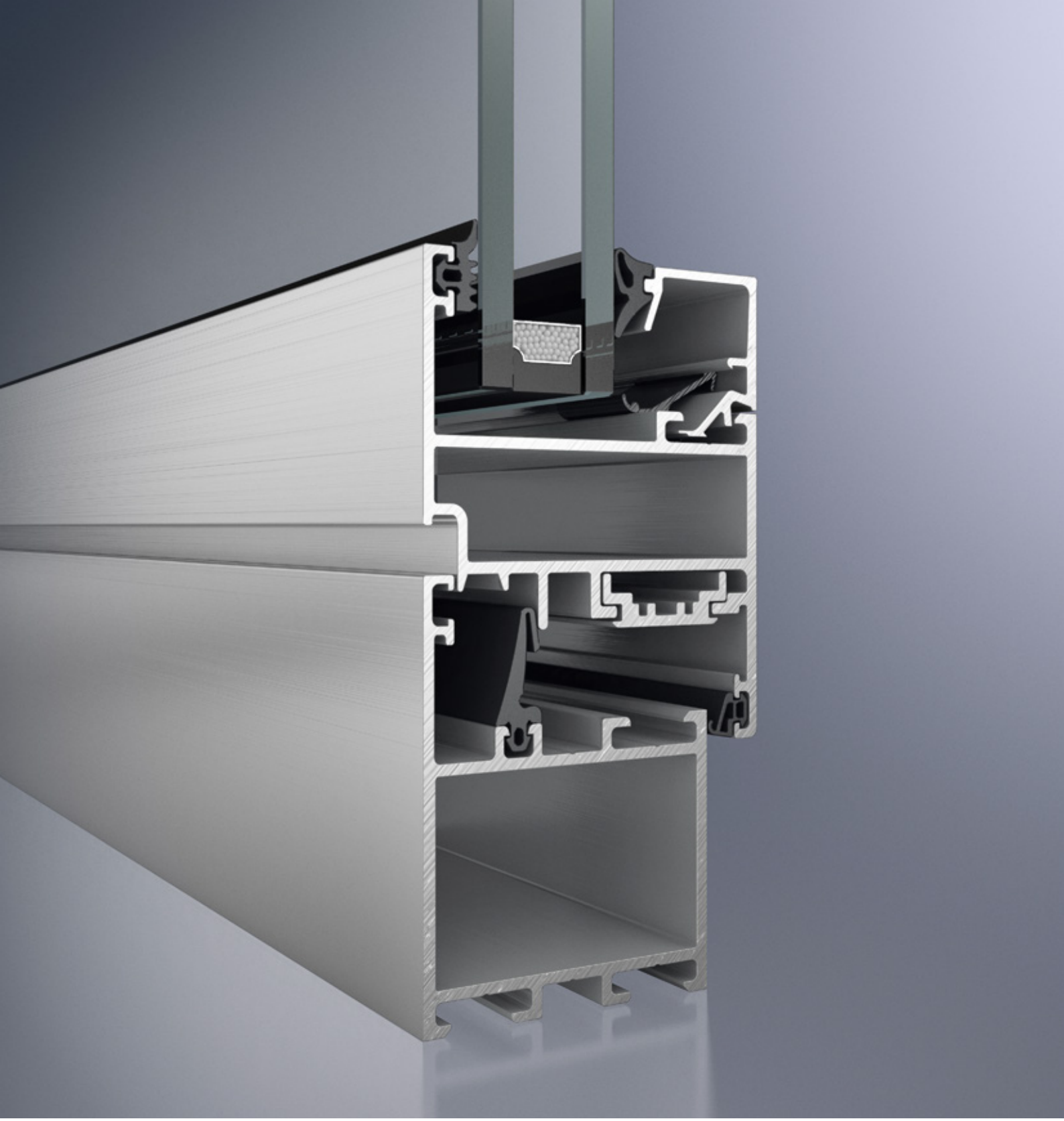
Rationelle Modernisierung mit Schüco Fenster AWS 120 CC.SI, seitlicher Anschluss an Wärmedämmverbundsystem mit Blendrahmenbearbeitung für schmale Ansichten
Efficient modernisation with Schüco Window AWS 120 CC.SI, side attachment to composite thermal insulation system with outer frame preparation for narrow face widths





SW111-3

Maßstab 1:2
Scale 1:2



Ungedämmte Systeme
Non-insulated systems

62 Standardsysteme
Standard systems
112 Blockserien
Block series
132 Fensterfassaden
Window façades
144 Verbundfenster
Composite windows

Fenstersysteme
Window Systems

166 Ungedämmte Systeme
Non-insulated systems

168 Systemeigenschaften Schüco Fenster AWS 50.NI
Schüco Window AWS 50.NI system features

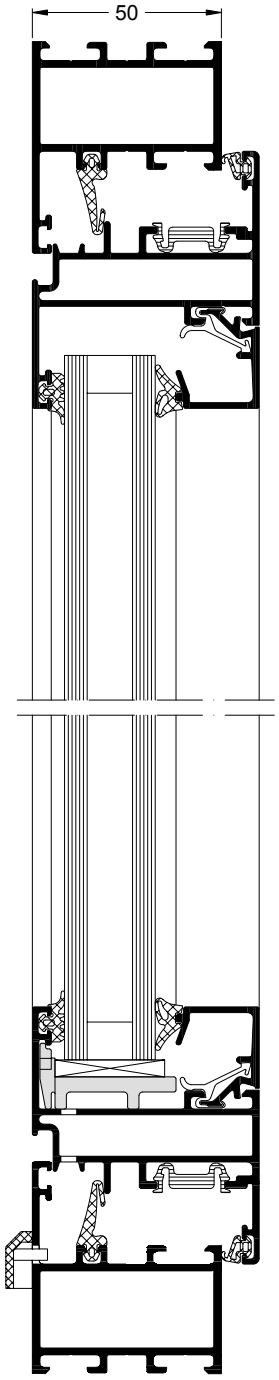
170 Profilschnitte Schüco Fenster AWS 50.NI
Profile section details for Schüco Window AWS 50.NI

Systemeigenschaften Schüco Fenster AWS 50.NI Schüco Window AWS 50.NI system features

Die ungedämmte Fensterlösung Schüco AWS 50.NI mit 50 mm Bautiefe für den Innenausbau, z. B. für Flughäfen, Messe- oder Einkaufszentren. Durch identische Ansichtsbreiten mit den wärmegedämmten Fenstersystemen Schüco AWS lässt sich eine durchgängige innere und äußere Gebäudegestaltung realisieren. In Verbindung mit dem verdeckt liegenden Beschlag Schüco AvanTec genügt Schüco AWS 50.NI auch in puncto Gestaltung und Komfort allerhöchsten Ansprüchen.

The Schüco AWS 50.NI non-insulated window solution with 50 mm basic depth for interiors such as airports, exhibition centres and shopping centres. Design continuity can be achieved both on the inside and outside of the building, as the face widths are identical to the thermally insulated Schüco AWS window systems. In combination with the Schüco AvanTec concealed fittings, Schüco AWS 50.NI meets the very highest standards in terms of both design and comfort.

Schüco Fenster AWS 50.NI
Schüco Window AWS 50.NI



Maßstab 1:2
Scale 1:2

Eigenschaften und Vorteile

Optik

- Grundbautiefe 50 mm
- Ungedämmte Schüco Fensterserie für den Innenausbau mit schmalen Ansichtsbreiten ab 74 mm

Funktionalität

- Große Vielfalt an Öffnungsarten Dreh-, Dreh-Kipp-, Kipp, Kipp-vor-Dreh-, Stulp-, Schwing- und Wendeflügel sowie Parallel-Abstell-Schiebe-Kippflügel
- Umfangreiches Profilsortiment mit Pfostenprofilen bis 250 mm Ansichtsbreite
- Verdeckt liegender Schüco AvanTec Systembeschlag bis 160 kg
- Glatte Einkammerprofile mit stabiler und leichter Verbindung
- Zusätzliche Eckwinkel sorgen für glatte Flügelgehrungen

Features and benefits

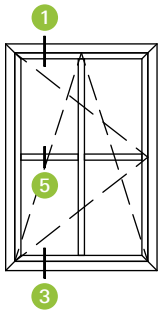
Appearance

- Basic depth 50 mm
- Non-insulated Schüco window series for interiors with narrow face widths from 74 mm

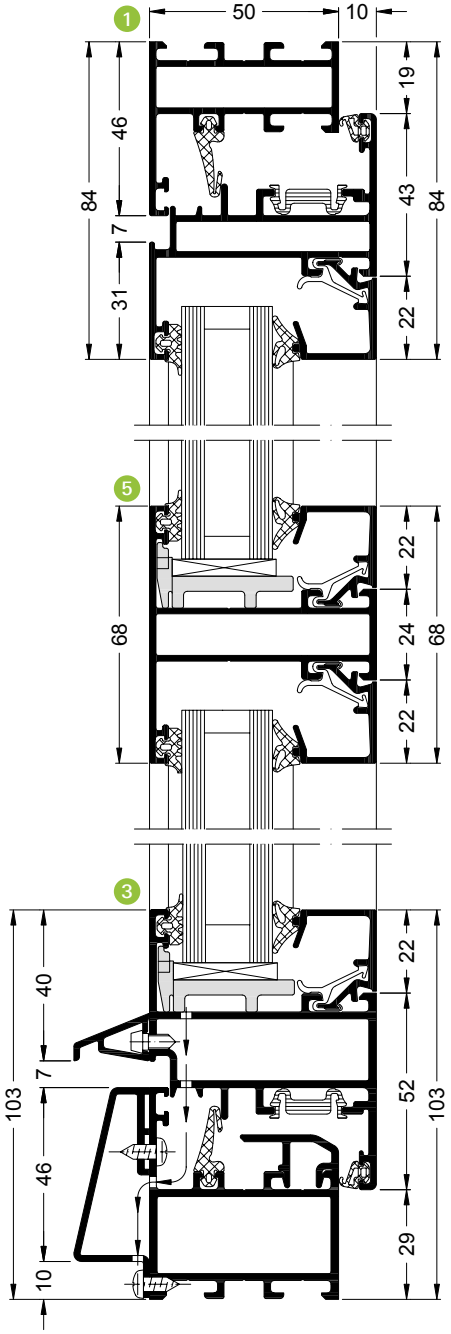
Functions

- Wide variety of opening types: side-hung, turn/tilt, bottom-hung, tilt-before-turn, double-vent, horizontal and vertical pivot vents and tilt/slide vents
- Comprehensive range of profiles with mullion profiles up to 250 mm face width
- Concealed Schüco AvanTec system fittings up to 160 kg
- Smooth single-chamber profiles for simple, robust connections
- Additional mitre supports ensure smooth mitred vent corners

Profilschnitte Schüco Fenster AWS 50.NI
Profile section details for Schüco Window AWS 50.NI

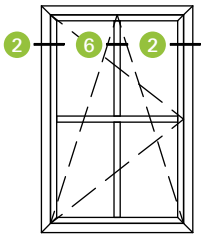


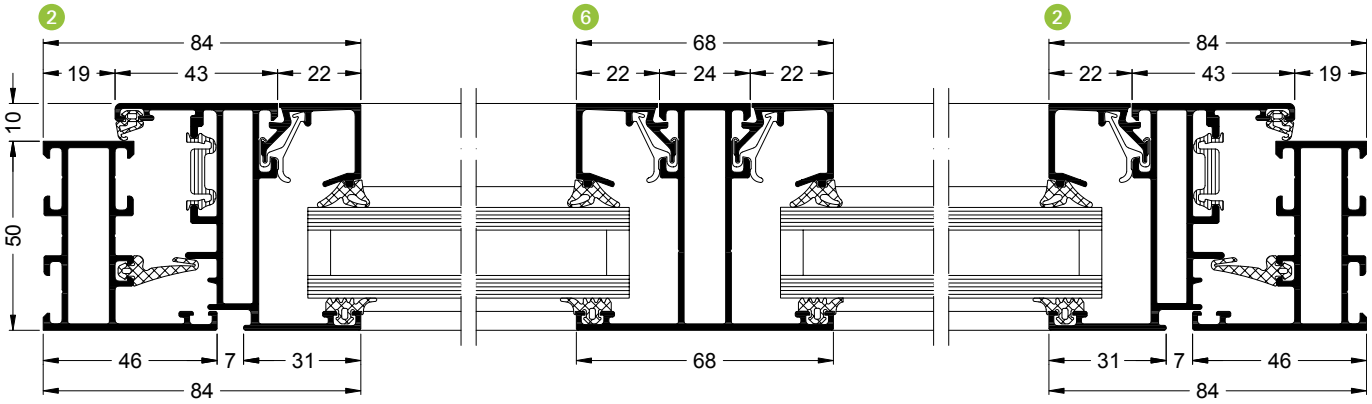
Flügel mit Sprosse
Vent with sash bar



Maßstab 1:2
Scale 1:2

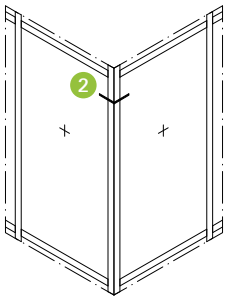
Flügel mit Sprosse
Vent with sash bar

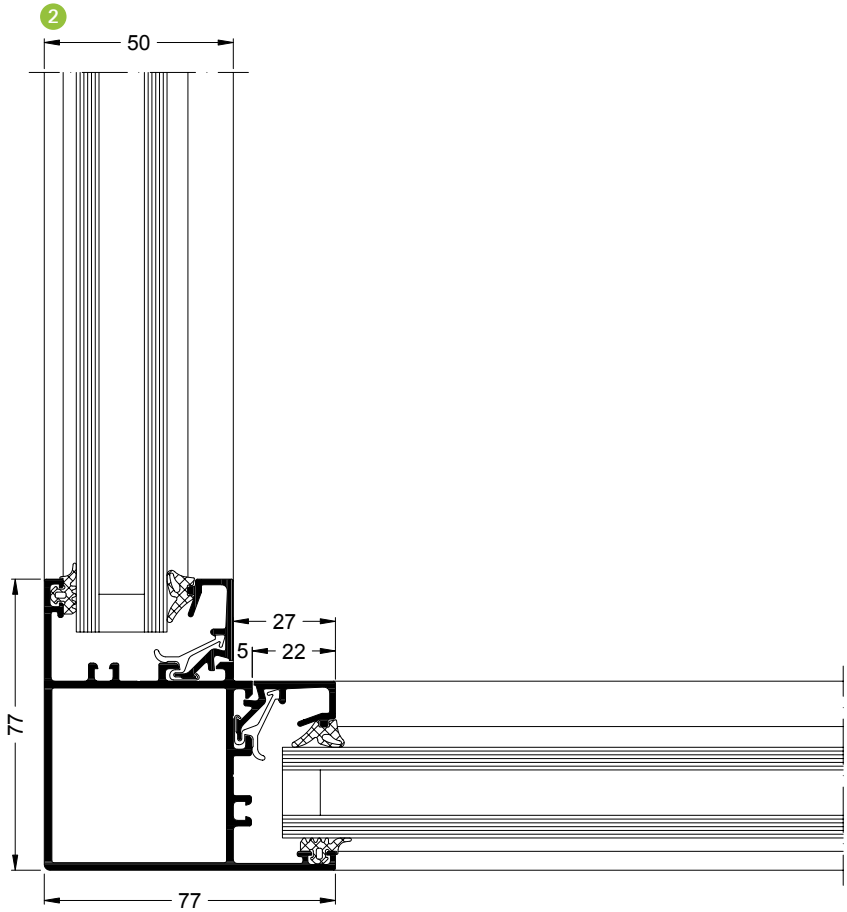




Maßstab 1:2
Scale 1:2

Eckpfosten 90° Festfeld
90° corner mullion with fixed light

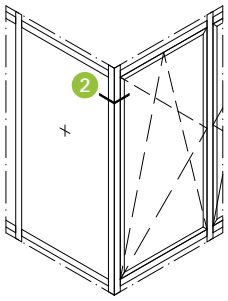


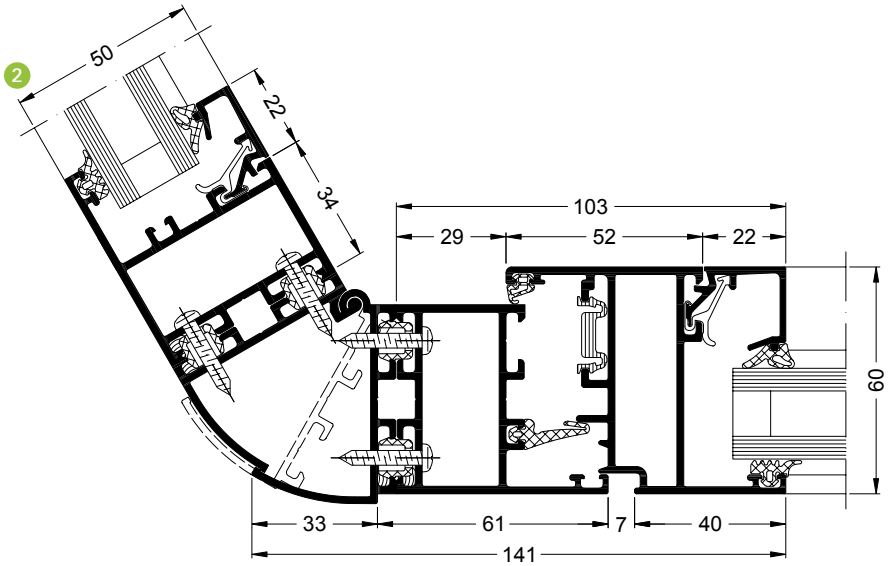


Maßstab 1:2
Scale 1:2

Eckpfosten 120° bis 150° Festfeld Flügel aufschlagend

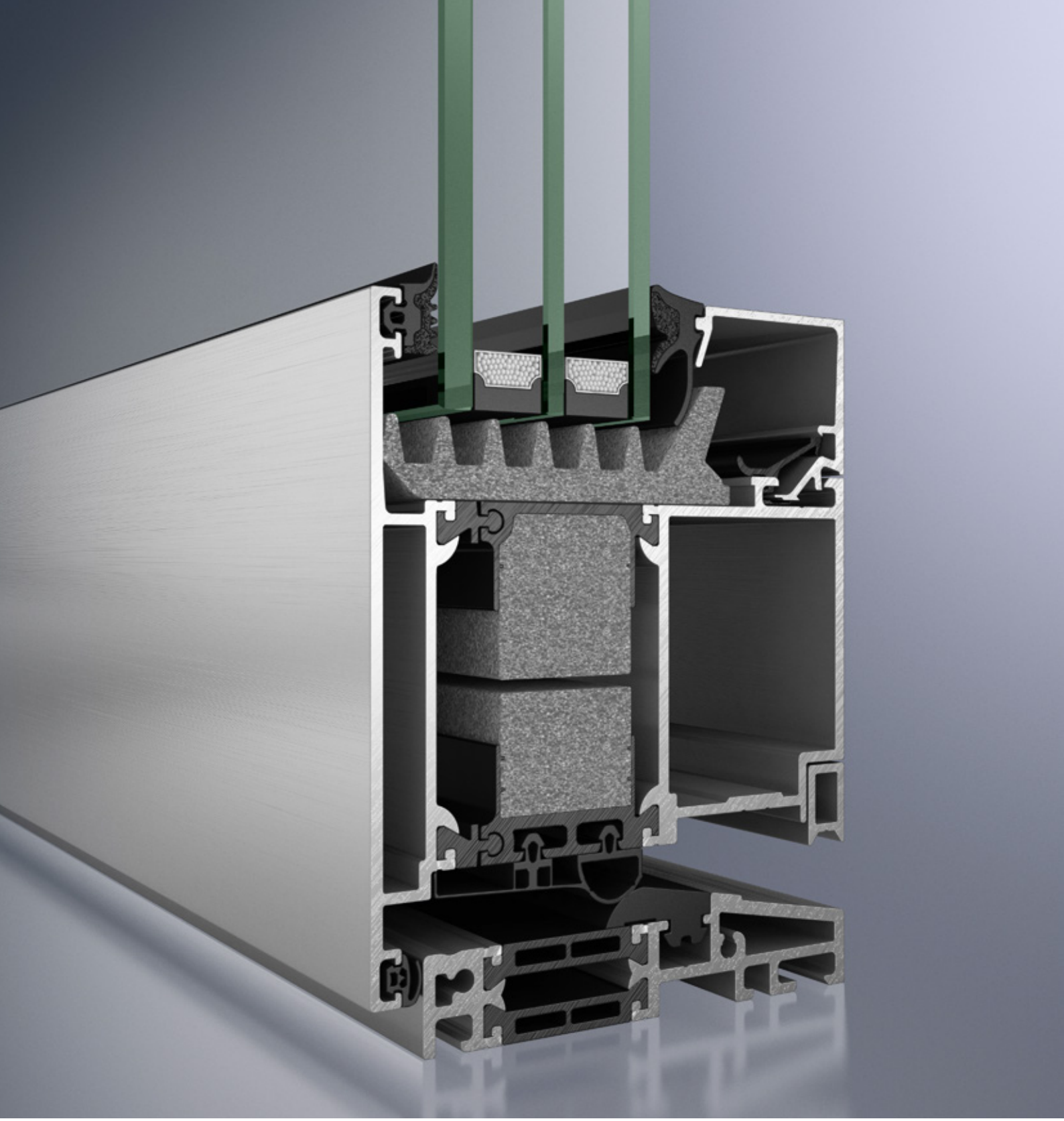
120° to 150° corner mullion with fixed light and face-fitted vent





Maßstab 1:2
Scale 1:2

Türsysteme
Door Systems
175



Standardsysteme
Standard systems

Türsysteme
Door Systems

176 Standardsysteme
Standard systems

178 Schüco Türen ADS und ADS HD
Schüco Doors ADS and ADS HD

184 Systemeigenschaften Schüco Tür ADS 90.SI und ADS 90 PL.SI
Schüco Door ADS 90.SI and ADS 90 PL.SI system features

186 Systemeigenschaften Schüco Tür ADS 75.SI/ADS 75 HD.HI
Schüco Door ADS 75.SI/ADS 75 HD.HI system features

188 Gestaltungsserien für Türen
Design series for doors

190 Technische Informationen
Technical information

192 Profilschnitte Schüco Tür ADS 90.SI
Profile section details for Schüco Door ADS 90.SI

206 Profilschnitte Schüco Tür ADS 75.SI
Profile section details for Schüco Door ADS 75.SI

220 Profilschnitte Schüco Tür ADS 75 HD.HI
Profile section details for Schüco Door ADS 75 HD.HI

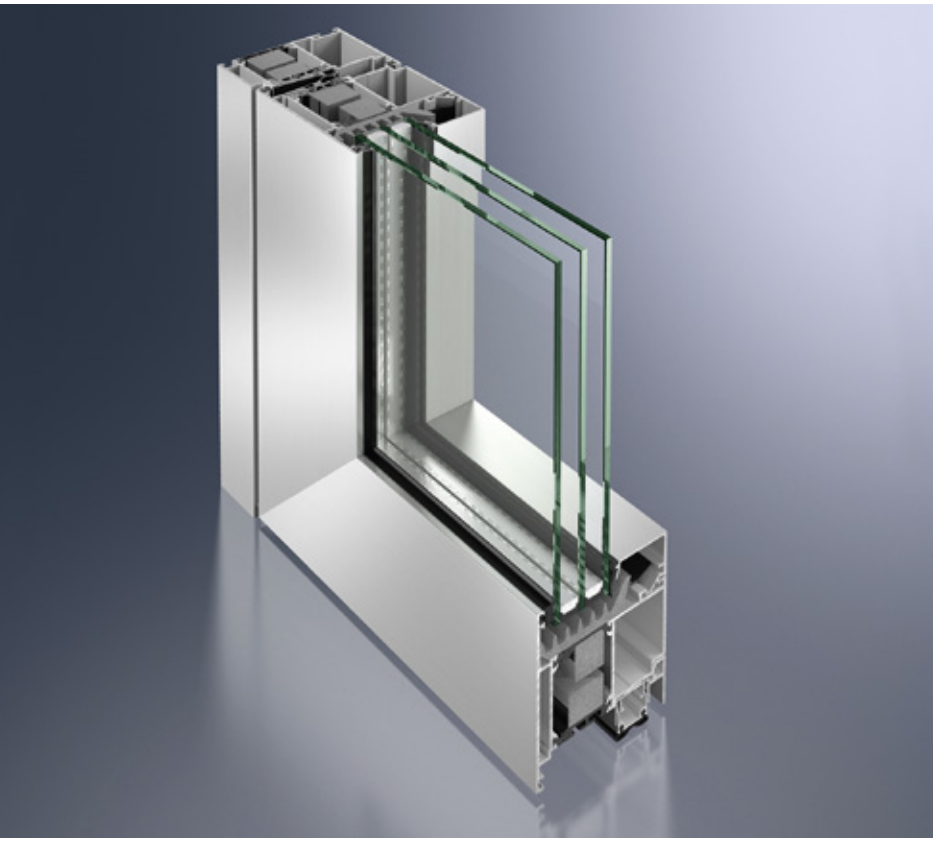
230 Baukörperanschlüsse
Attachments to building structure

236 Ungedämmte Systeme
Non-insulated systems

Schüco Türen ADS und ADS HD
Schüco Doors ADS and ADS HD

Das Schüco Türsystem ADS bietet für Eingänge im Wohn- wie im Objektbereich ein breites Portfolio mit hoher Universalität und besten Dämmwerten

The Schüco ADS door system offers a broad range of entrance doors for both private homes and commercial projects, which are highly versatile and have the best insulation values



Schüco Tür ADS 90.SI
Schüco Door ADS 90.SI

Durch individuelle Ausstattungs- und Designvarianten erlaubt der Schüco ADS Systembaukasten einen breit gefächerten Einsatz im Wohn- und Objektbereich. Mit einem universellen Profilportfolios sowie vielfältiger Austattungsoptionen bietet das Schüco Türsystem ADS einen großen funktionalen und gestalterischen Spielraum.

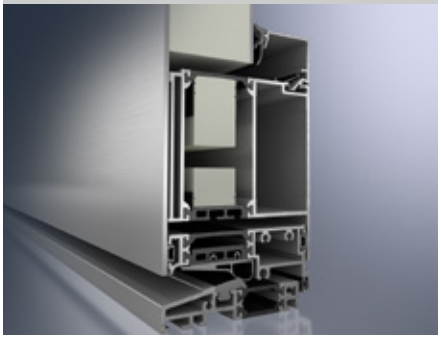
Abgerundet mit der Möglichkeit zur Anbindung an die Gebäudesteuerung, erfüllt das Schüco Türsystem nahezu alle Wünsche. Die vielfältigen Designvarianten mit hochwertigen Oberflächen passen exakt zum Schüco Fenstersystem AWS.

Due to the individual fittings and design options, the Schüco ADS modular system can be used in a wide range of residential and commercial projects. Thanks to a universal profile portfolio, and the wide range of fittings options, the Schüco ADS door system offers a great deal of freedom in terms of function and design.

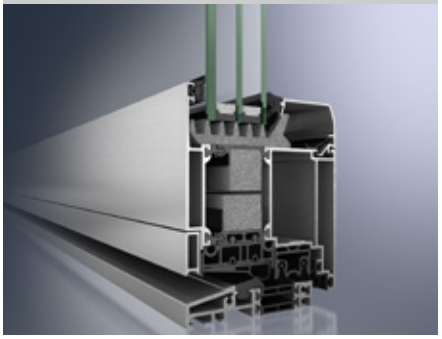
Rounded off with the option of being connected to the building management system, the Schüco Door System fulfils virtually all requirements. The variety of design options with high-quality surface finishes coordinates perfectly with the Schüco AWS window system.

Schüco ADS Systembaukasten **Schüco ADS modular system**

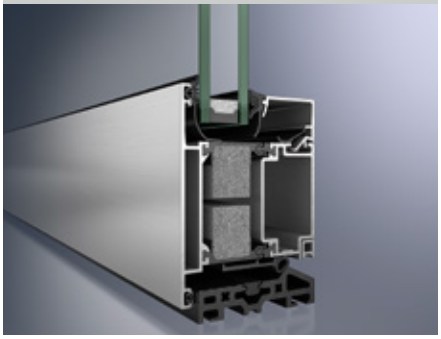
Schüco Tür ADS 90.SI
Schüco Door ADS 90.SI



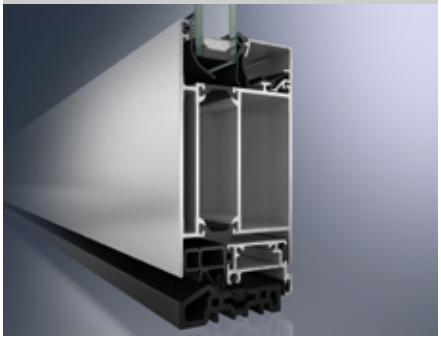
Schüco Tür ADS 90 PL.SI
Schüco Door ADS 90 PL.SI



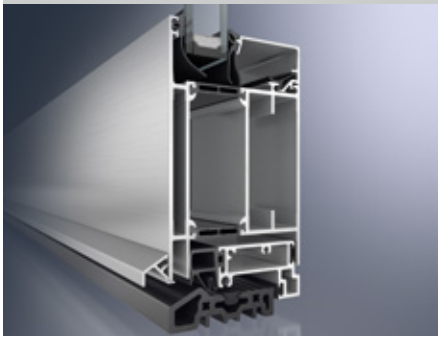
Schüco Tür ADS 75.SI
Schüco Door ADS 75.SI



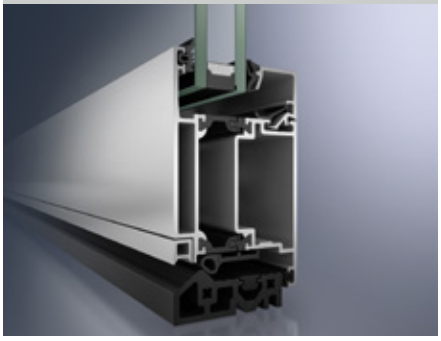
Schüco Tür ADS 70.HI
Schüco Door ADS 70.HI



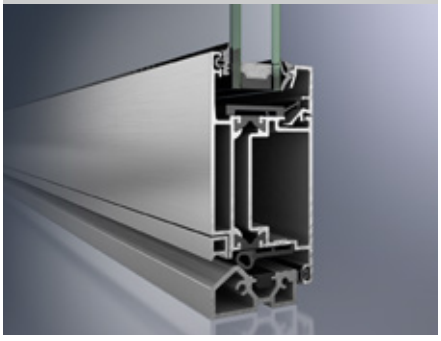
Schüco Tür ADS 65
Schüco Door ADS 65



Schüco Tür ADS 60
Schüco Door ADS 60

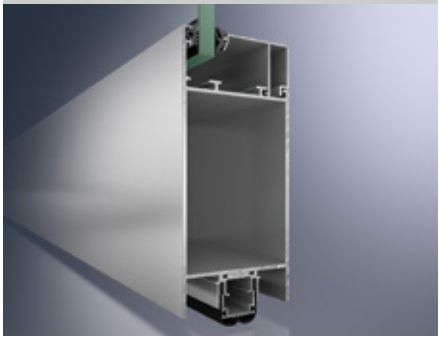


Schüco Tür ADS 50
Schüco Door ADS 50

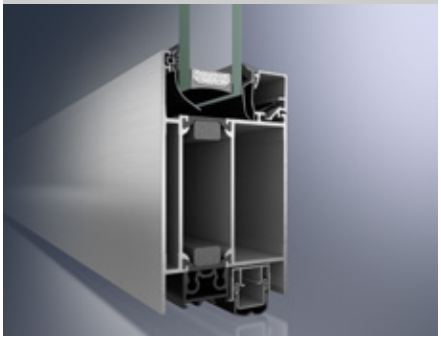


Schüco Tür ADS 50.NI
Schüco Tür ADS 50.NI

Schüco Tür ADS 65.NI
Schüco Door ADS 65.NI

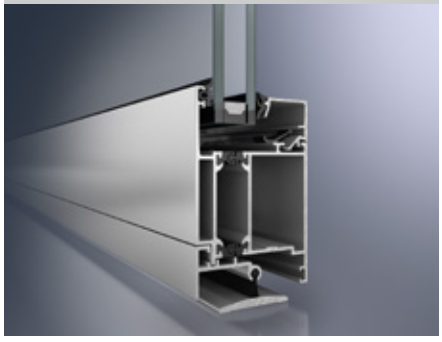


Schüco Tür ADS 75 HD.HI
Schüco Door ADS 75 HD.HI



Schüco Tür ADS 70 HD
Schüco Door ADS 70 HD

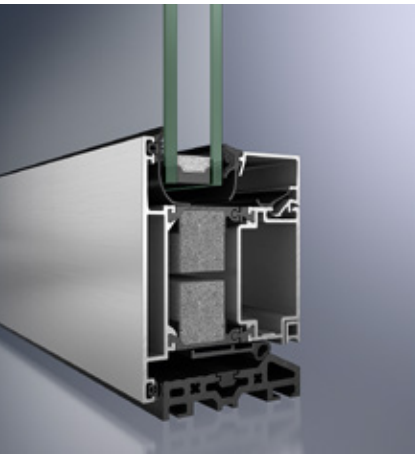
Schüco Tür ADS 65 HD
Schüco Door ADS 65 HD



Schüco Türen ADS
Schüco Doors ADS

Schüco Türen ADS bieten mit sieben Bautiefen, mehreren Flügelkonturen und hervorragenden Wärmedämmwerten beste Voraussetzungen für hochwertige Türen in Eingangsbereichen

Schüco Doors ADS, with seven different depths, several vent contours and outstanding thermal insulation values provide the best qualities for entrance doors



Schüco Tür ADS 75.SI
Schüco Door ADS 75.SI

Schüco Tür ADS 75 SL.SI
Schüco Door ADS 75 SL.SI

Die Schüco ADS Türsysteme sind für Haupt- und Nebeneingänge mit normaler Belastung konzipiert. Die Türsysteme sind in sieben Bautiefen von 50 mm bis 90 mm erhältlich und erlauben es damit dem Planer, das jeweils passende Türsystem für die individuellen Anforderungen zu konfigurieren. Flügelhöhen bis 2.500 mm und Flügelgewichte bis 200 kg geben damit Gestaltungsspielraum für architektonisch hochwertige Lösungen.

Mit mehreren erhältlichen Flügelkonturen, etwa Soft Line (SL) mit abgerundetem Profil, erreicht das Schüco Türsystem ADS eine große Bandbreite bei der Gestaltung. Moderne Türen sind nicht mehr nur reine Öffnungselemente, sondern zunehmend in die Gebäudeautomation integriert. So ermöglicht das Schüco Door Control System (DCS), diese Anforderungen optisch hochwertig zu realisieren.

Durch das Profilsystem Schüco Tür ADS werden Energieeinsparungen von bis zu 50 % realisiert (Schüco Tür 90.SI). Mit U_f-Werten bis 0,9 W/(m²K) (Schüco Tür ADS 112.IC) erreichen sie höchste Ansprüche an die Wärmedämmung.

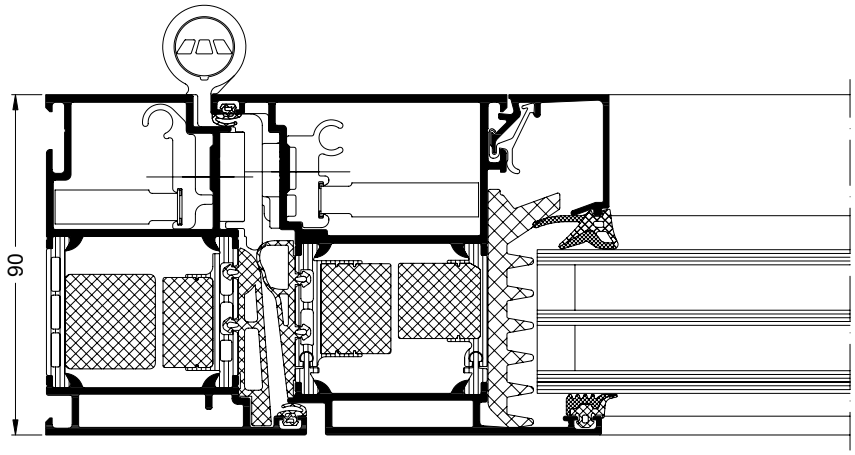
Auch die Sicherheit kommt nicht zu kurz: Schüco ADS Türen können bis zu einer Schutzklasse von RC 3 (WK3) ausgeführt werden. Die automatischen Mehrfachverriegelungen (Schüco SafeMatic) bieten dem Anwender gute hohe Sicherheit, selbst wenn die Tür nicht mit dem Schlüssel verriegelt ist.

The Schüco ADS door systems are designed for main and side entrances subject to normal loading. The door systems are available in seven basic depths from 50 mm to 90 mm, allowing the developer to configure the appropriate door system for individual requirements. Leaf heights up to 2,500 mm and leaf weights up to 200 kg therefore offer design freedom for high quality architectural solutions.

With several leaf contours available, such as Soft Line (SL) with its rounded profile, the Schüco ADS door system offers a wide range of design options. Modern doors are no longer simply opening units. They are increasingly being integrated into building automation systems. The Schüco Door Control System (DCS) allows these requirements to be met with a high quality appearance.

Energy savings of up to 50 % can be achieved by the Schüco ADS door profile system (Schüco Door 90.SI). With U_f values to 0.9 W/(m²K) (Schüco Door ADS 112.IC), they meet the highest thermal insulation requirements.

A high degree of security is also assured, as Schüco ADS doors can be designed up to a safety class of RC 3 (WK3). The automatic multi-point locking (Schüco SafeMatic) offers the user a high level of security, even if the door has not been locked using the key.



Horizontalschnitt Schüco Tür ADS 90.SI
Horizontal section detail Schüco Door ADS 90.SI

Maßstab 1:2
Scale 1:2

Eigenschaften und Vorteile	Features and benefits
▪ Optimiert für Haus- und Nebeneingänge bis zu 2.500 mm Höhe und 160 kg Flügelgewicht	▪ Optimised for front and side entrance doors up to 2,500 mm in height and 160 kg in weight
▪ U_f-Wert bis 1,0 W/(m²K) (Schüco ADS 112.IC)	▪ U_f value down to 1.0 W/(m²K) (Schüco ADS 112.IC)
▪ Bautiefe 50, 60, 65, 70, 75 und 90 mm	▪ Basic depths of 50, 60, 65, 70, 75 and 90 mm
▪ Erweiterte Dämmzone mit Schaumverbund-Isolierstegen	▪ Enlarged insulation zone with foam-filled insulating bars
▪ Optimale Wärmedämmung durch beidseitig flügelüberdeckende Füllung möglich (Schüco ADS 90.SI)	▪ Optimum thermal insulation possible due to leaf-enclosing infill on both sides (Schüco ADS 90.SI)
▪ Sicherheitsklasse bis RC 3 (WK3)	▪ Security class up to RC 3 (WK3)
▪ Integrierbar in Schüco Fassadensysteme	▪ Can be integrated in Schüco façade systems
▪ Kompatibel zum Schüco Fenstersystem AWS	▪ Compatible with the Schüco AWS window system

Schüco Türen ADS HD
Schüco Doors ADS HD

Das Schüco Türsystem ADS HD (Heavy Duty) ist auf die hohen Anforderungen im Objektgeschäft ausgerichtet und für andauernde und maximale statische und dynamische Belastung optimiert

The Schüco ADS HD (Heavy Duty) door system is geared towards the high requirements of large commercial projects and optimised for continuous and maximum structural and dynamic loading

Schüco Tür ADS 75 HD.HI
Schüco Door ADS 75 HD.HI

Für hochfrequentierte Eingangsbereiche bietet Schüco das Türsystem Schüco ADS HD (Heavy Duty) an. In Kombination mit Rollentürbändern ist das System auf 1 Million Zyklen geprüft und erfüllt damit höchste Ansprüche an Langlebigkeit. Um für jede Situation das richtige System anbieten zu können, sind die Schüco ADS HD Türen in den Bautiefen 65 mm, 70 mm und 75 mm erhältlich.

Schüco Türen ADS HD sind, wie das System Schüco ADS, zur durchgängigen Gestaltung kompletter Gebäudehüllen mit dem Schüco Fenstersystem AWS kombinierbar. Durchgangshöhen bis zu 3.000 mm und Flügelgewichte bis zu 200 kg erlauben individuelle Gestaltungen.

Die neue Generation der Schüco Aufsatztürbänder lässt sich nicht nur leicht montieren, sondern erlaubt einfache Verstellmöglichkeiten über 3 Achsen im Betrieb. In Verbindung mit verdeckt liegenden Beschlägen werden allerhöchste Ansprüche an Gestaltung und Komfort erfüllt. Ein umfangreiches Schlossportfolio erfüllt komplexe Anforderungen: Mit der automatischen Mehrfachverriegelung Schüco InterLock können zum Beispiel 2-flügelige Vollpaniktüren in RC 2 (WK2) realisiert werden.

Zusätzlich bieten Schüco Türen der Serie ADS HD optimale Lösungen für barrierefreie Eingangsbereiche. Mit dem prämierten Schüco Door Control System lassen sich Schüco Türen ADS in die Gebäudeautomation integrieren, um z. B. Zugangskontrolle sicher, optimal und hochwertig umzusetzen.

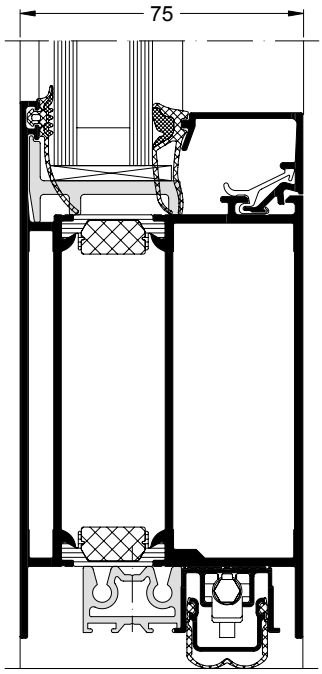
Schüco offers the Schüco ADS HD (Heavy Duty) door system for entrance areas subject to heavy use. Fitted with barrel hinges, the system is tested to 1 million cycles and therefore meets the highest requirements in terms of durability. To be able to offer the right system for any situation, the Schüco ADS HD doors are available with basic depths of 65 mm, 70 mm and 75 mm.

Schüco ADS HD doors, like the Schüco ADS system, can be combined with the Schüco AWS window system to give complete building envelopes a coherent design. Clearance heights of up to 3,000 mm and leaf weights of up to 200 kg allow individual designs.

The new generation of Schüco surface-mounted door hinges is not only easy to install, it also allows straightforward adjustment in 3 axes when in use. When concealed fittings are used, the most exacting demands in terms of design and comfort are met. A comprehensive range of locks satisfies complex requirements. For example, with Schüco InterLock, the automatic multi-point locking system, double-leaf full panic doors in RC 2 (WK2) are possible.

Schüco doors in the ADS HD series also offer optimum solutions for easy-access entrance areas. Using the award-winning Schüco Door Control System, Schüco ADS doors can also be integrated into building automation systems, allowing high quality access control to be reliably implemented in the best possible way.

Schüco Tür ADS HD, Gewerbebau mit Panikbeschlägen
Schüco Door ADS HD, commercial building, with panic fittings



Schüco Tür ADS 75 HD.HI
Schüco Door ADS 75 HD.HI

Maßstab 1:2
Scale 1:2

Eigenschaften und Vorteile

- Optimiert für das Objektgeschäft (Dauerbelastung) maximal bis zu 1 Million Zyklen
- U_f-Wert bis zu 1,6 W/(m²K) (Schüco ADS 75 HD.HI)
- Erweiterte Dämmzone mit Schaumverbund-Isolierstegen
- Bautiefe 65 mm, 70 mm und 75 mm sowie Schüco Tür ADS 90.SI als Objektlösung
- Flügelhöhen bis 3.000 mm und maximale Flügelgewicht bis 200 kg
- Optimal kombinierbar mit dem Schüco Door Control System
- Sicherheitsklasse bis RC 3 (WK3)
- Integrierbar in Schüco Fassadensysteme
- Kompatibel zum Schüco Fenstersystem AWS
- Basierend auf Schüco Standard-System-komponenten

Features and benefits

- Optimised for large commercial projects (continuous loading), up to a maximum of 1 million cycles
- U_f value up to 1.6 W/(m²K) (Schüco ADS 75 HD.HI)
- Enlarged insulation zone with foam-filled insulating bars
- Basic depths of 65 mm, 70 mm and 75 mm, and Schüco Door ADS 90.SI as a project solution
- Leaf height of up to 3,000 mm and maximum leaf weight up to 200 kg
- Ideal for combining with the Schüco Door Control System
- Security class up to RC 3 (WK3)
- Can be integrated in Schüco façade systems
- Compatible with the Schüco AWS window system
- Based on standard Schüco system components

Systemeigenschaften Schüco Tür ADS 90.SI und ADS 90 PL.SI Schüco Door ADS 90.SI and ADS 90 PL.SI system features

Türserie Schüco ADS 90.SI und Schüco ADS 90 PL.SI:
Höchstleistung für Wohn- und Objektgebäude
Schüco ADS 90.SI and Schüco ADS 90 PL.SI door series:
Maximum performance for residential and commercial projects

Schüco Tür ADS 90.SI mit absenkbarer Bodendichtung
Schüco Door ADS 90.SI with threshold gasket that can be lowered

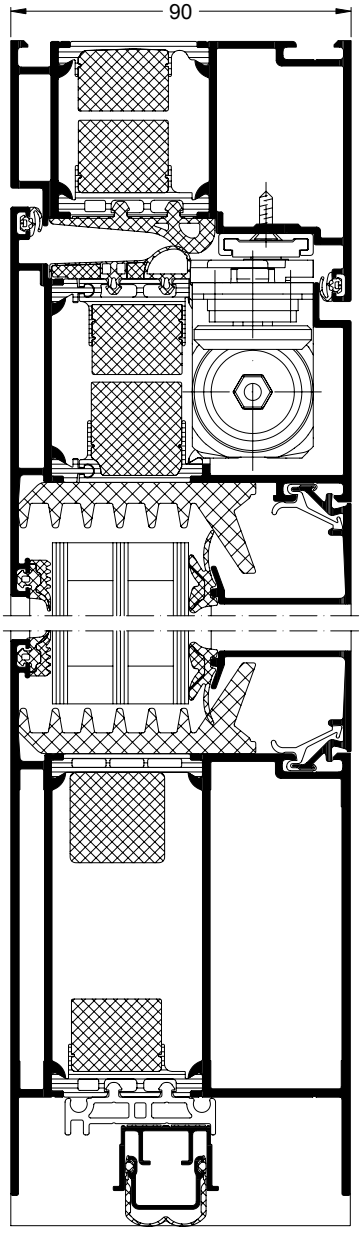
2-flügelige Objekttür Schüco Tür ADS 90.SI (mit DCS-Pfosten und Modulen zur Fluchttürsicherung)
Double-leaf commercial Schüco Door ADS 90.SI (with DCS unit and modules for emergency exit control)

Optimiertes Türsystem
Energieeffizienz und Wärmedämmung im Neubau und bei Sanierung von Wohn- und Objektbauten sind ein nachhaltiger Trend. Die Schüco ADS 90 Türserie wird diesem Trend gerecht. Eine erweiterte Isolierzone, ein umlaufendes Mitteldichtungsprinzip und eine spezielle Glasfalzdämmung ermöglichen unübertroffene Systemeigenschaften wie Schlagregenresistenz der Klasse 7A bei 750 Pa sowie U_f-Werte in Höhe von bis zu 1,2 W/(m²K). Mit entsprechender 3-fach-Verglasung oder flügelüberdeckender Füllung sind damit hervorragende U_d-Werte von bis zu 0,8 W/(m²K) möglich. Damit hat Schüco bereits heute den Wärmedämmstandard von morgen im Programm.

Die Aluminium Türsysteme Schüco ADS 90.SI und Schüco ADS 90 PL.SI bieten ein Höchstmaß an Flexibilität. Sie lassen sich mit einer Vielzahl an Zusatzfunktionen kombinieren wie dem prämierten Schüco Door Control System (DCS) für einfache und design-orientierte Zutrittskontrolllösungen. Dem Ansatz der optimalen Funktionalität folgend, lässt sich der integrierte Obentürschließer mit flacher Gleitschiene (ITS 96) ideal in diesem System berücksichtigen. Durch die Verbindung ergibt sich eine optimale Kombination aus Energieeffizienz, moderner Technik und höchsten Designansprüchen. Natürlich wird dem Bedürfnis nach Sicherheit ebenfalls Rechnung getragen: Einbruchhemmung bis RC 3 (WK3) ist möglich.

Optimised door system
Energy efficiency and thermal insulation are an ongoing trend in newbuild projects and in the renovation of residential and commercial buildings. The Schüco ADS 90 door series is a response to this trend. An expanded insulation zone, a continuous centre gasket and a special glazing rebate achieve unbeatable system properties, such as resistance to driving rain in class 7A to 750 Pa and U_f values of up to 1.2 W/(m²K). With appropriate triple glazing or a leaf-enclosing infill panel, outstanding U_d values of up to 0.8 W/(m²K) can be achieved. Schüco therefore has the thermal insulation standard of tomorrow in its product range today.

The Schüco ADS 90.SI and Schüco ADS 90 PL.SI aluminium door systems offer maximum flexibility. They can be combined with a wide variety of additional functions, such as the award-winning Schüco Door Control System (DCS) for simple and stylish access control solutions. In keeping with the approach of optimum functionality, the integrated top door closer with flat slide rail (ITS 96) can be perfectly incorporated in this system. This results in the optimum combination of energy efficiency, modern technology and the highest design requirements. The need for security is also taken into account – burglar resistance up to RC 3 (WK3) is possible.



Schüco Tür ADS 90.SI
Schüco Door ADS 90.SI

Während die flügelaufschlagende Premiumhaustür Schüco ADS 90 PL.SI den Ansprüchen im Wohnungsbau gerecht wird, bietet die flächenbündige Türenserie Schüco ADS 90.SI Höchstleistung für den gehobenen Wohnungs- und Objektbereich.

Whilst the face-fitted Schüco ADS 90 PL.SI premium entrance door responds to the requirements of residential projects, the flush-fitted Schüco ADS 90.SI door series offers maximum performance for luxury private homes and commercial projects.

Eigenschaften und Vorteile

Wärmedämmung

- Exzellente Wärmedämmung bei 90 mm Bautiefe:
  U_f-Wert von ≥ 1,2 W/(m²K) sowie
  U_d-Wert von ≥ 0,8 W/(m²K)
- Effizientes Wärmedämmverhalten durch Dämmzone mit Schaumverbund-Isolierstegen sowie Glasfalzdämmung
- Erhöhte Dichtigkeit und Schlagregenresistenz bis zu 700 Pa durch umlaufendes Mitteldichtungsprinzip nach DIN EN 12208

Optik

- Türgrößen bis zu 2.500 mm und Türbreiten bis 1.400 mm realisierbar
- Mehrfarbige Profilgestaltung
- Türflügelausführung als ein- und beidseitig flügelüberdeckende Füllung als Option
- Soft Line Designvariante im Blendrahmen möglich (Schüco ADS 90 PL SL.SI)

Funktionalität

- Flügelgewichte bis 160 kg
- Anti-Panik Schlosssortiment
- Barrierefreie Fußpunkte
- Einbruchhemmung bis RC 3 (WK3) nach DIN EN 1627 (DIN V ENV 1627)
- Einsatzblendrahmen zur Fassadenintegration
- Aufgesetzte, verdeckt liegende Türbänder oder Rollentürbänder einsetzbar

Features and benefits

Thermal insulation

- Excellent thermal insulation with a 90 mm basic depth:
  U_f value of ≥ 1.2 W/(m²K) and
  U_d values of ≥ 0.8 W/(m²K)
- Efficient thermal insulation properties due to insulation zone with foam-filled insulating bars and glazing rebate insulation
- Increased weathertightness and resistance to driving rain up to 700 Pa in accordance with DIN EN 12208, due to the use of a continuous centre seal

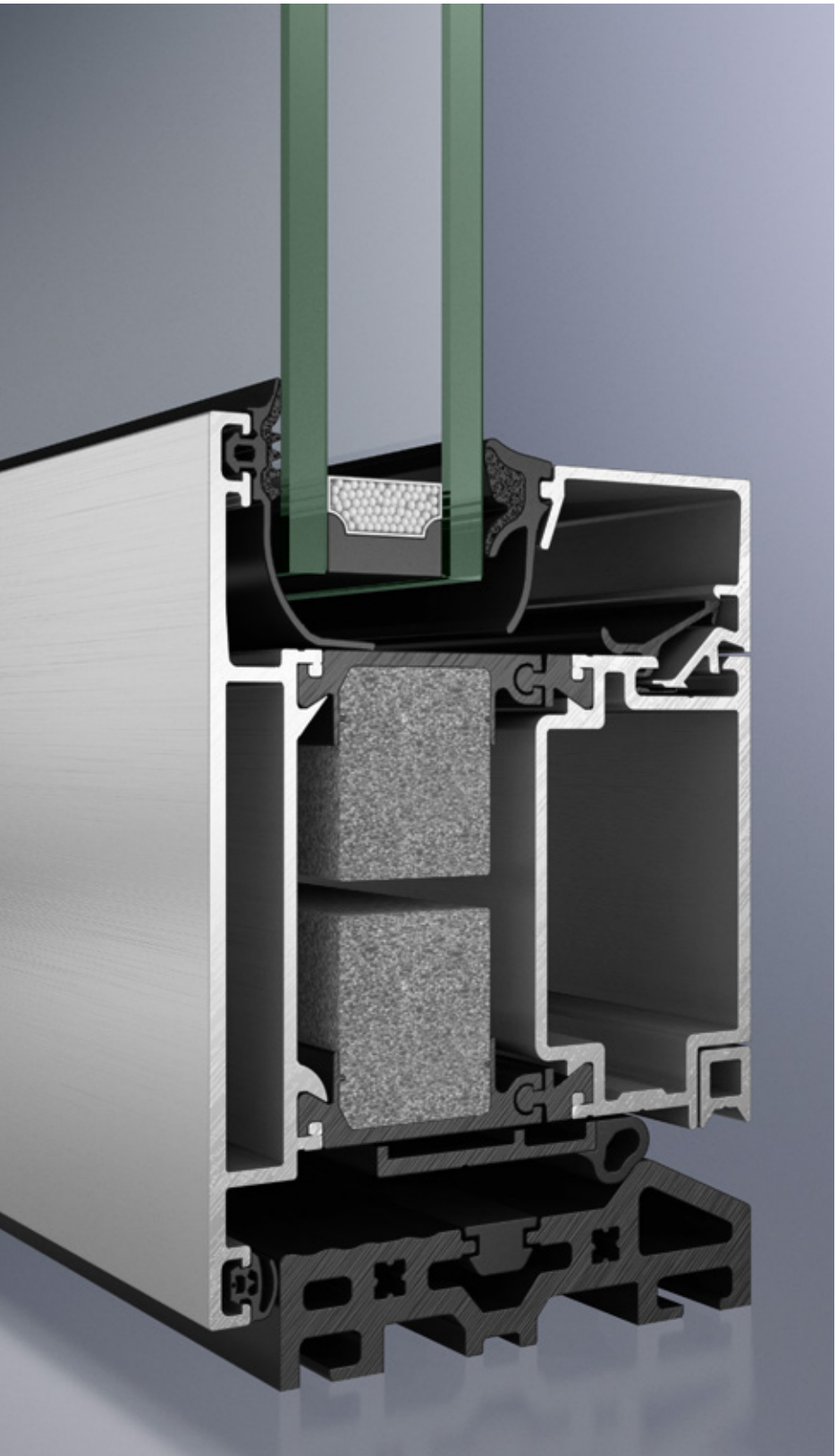
Appearance

- Door heights up to 2,500 mm and door widths up to 1,400 mm are possible
- Profile design in more than one colour
- Door leaf design available with leaf-enclosing infill panel on one side or both sides
- Soft Line design option for outer frame (Schüco ADS 90 PL SL.SI)

Functions

- Vent weights up to 160 kg
- Range of panic locks
- Easy-access thresholds
- Burglar resistance up to RC 3 (WK3) in accordance with DIN EN 1627 (DIN V ENV 1627)
- Insert outer frame for integration into the façade
- Surface-mounted, concealed or barrel hinges can be used

Systemeigenschaften Schüco Tür ADS 75.SI/ADS 75 HD.HI Schüco Door ADS 75.SI/ADS 75 HD.HI system features



Die Systeme Schüco ADS 75.SI, mit optimiertem Wärmedämmstandard, und Schüco ADS 75 HD.HI, für die hohen Anforderungen im Objektgeschäft, erfüllen zukünftige Wärmedämmstandards sowie architektonische Anforderungen an Transparenz und Gestaltungsfreiheit bei nur 75 mm Bautiefe. Beide Systeme sind mit dem Schüco Fenstersystem AWS kombinierbar.

With a basic depth of just 75 mm, the systems Schüco ADS 75.SI, with an optimised standard of thermal insulation, and Schüco ADS 75 HD.HI, for the high requirements of large commercial projects, can meet future thermal installation standards as well as architectural requirements in terms of transparency and design freedom. Both systems can be combined with the Schüco AWS window system.

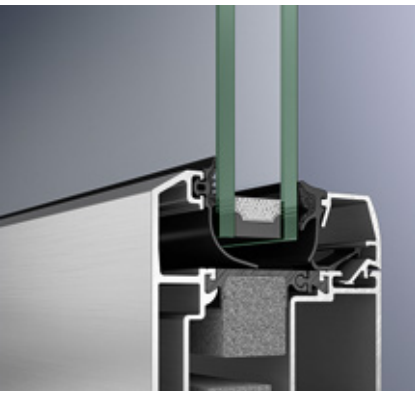
Schüco Tür ADS 75.SI
Schüco Door ADS 75.SI

Eigenschaften und Vorteile	Features and benefits
Wärmedämmung ▪ Hervorragende Wärmedämmung in der Grundbautiefe 75 mm mit U_f-Werten von ≥ 1,4 W/(m²K) ▪ Erweiterte Dämmzone mit Schaumverbund-Isolierstegen	**Thermal insulation** ▪ Outstanding thermal insulation with a basic depth of 75 mm and U_f values of ≥ 1.4 W/(m²K) ▪ Enlarged insulation zone with foam-filled insulating bars
Optik ▪ Ausführung als flächenbündig oder aufschlagend ▪ Geprüft bis zu einer lichten Tür-Durchgangshöhe von 2.500 mm und 3.000 mm (Schüco HD) ▪ Mehrfarbige Profilgestaltung ▪ Adaptereinsatzblendrahmen mit Adapterdichtung für Glasstärkenausgleich ▪ Türflügel mit flügelüberdeckende Füllung als Option ▪ In den Designvarianten Soft Line (SL) und Residential Line (RL) ausführbar	**Appearance** ▪ Available as flush-fitted or face-fitted ▪ Tested to a clear door opening height of 2,500 mm and 3,000 mm (Schüco HD) ▪ Profile design in more than one colour ▪ Adapter insert outer frame with adapter gasket to compensate for different glazing thicknesses ▪ Door leaf with leaf-enclosing infill available as an option ▪ Available in the Soft Line (SL) and Residential Line (RL) design options
Funktionalität ▪ Flügelgewichte bis 200 kg (Schüco HD) ▪ Türserie als klemmfreie Tür möglich ▪ Einbruchhemmung bis RC 3 (WK3) nach DIN EN 1627 (DIN V ENV 1627)	**Functions** ▪ Leaf weights up to 200 kg (Schüco HD) ▪ Door series available with anti-finger-trap door design ▪ Burglar resistance up to RC 3 (WK3) in accordance with DIN EN 1627 (DIN V ENV 1627)

Gestaltungsserien für Türen
Design series for doors

Basierend auf dem Profilsortiment der Standardserien bietet Schüco für besondere Design-Ansprüche eine umfangreiche Lösungsbreite mit moderner Systemtechnik. Die Gestaltungsserien bieten alle Vorteile moderner Aluminiumkonstruktionen bei voller Kompatibilität zu den entsprechenden Standardsystemen.

Based on the range of profiles for the standard series, Schüco offers a comprehensive portfolio of solutions using modern system technology for special design requirements. The design series offer all the advantages of modern aluminium constructions, while remaining fully compatible with the corresponding standard systems.



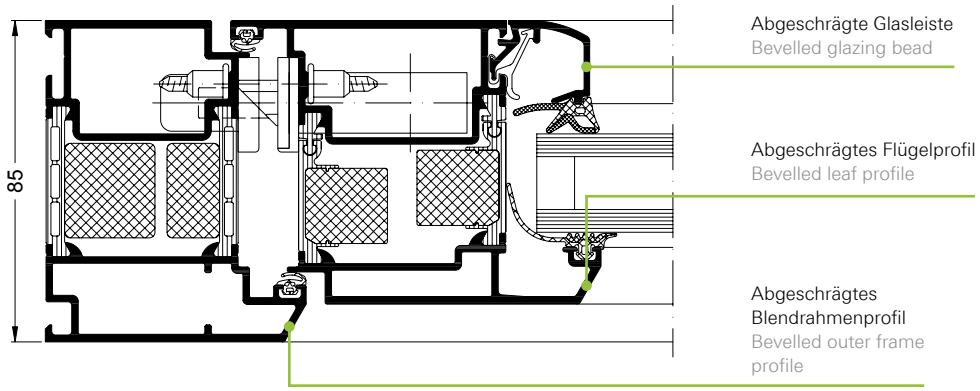
Residential Line (RL)
Durch abgeschrägte Außenkonturen ist die Kontur Residential Line bestens für die Renovierung oder die optische Akzentuierung geeignet.

Residential Line (RL)
With its bevelled outer contours, the Residential Line contour is ideally suited to renovation projects or for giving visual emphasis.

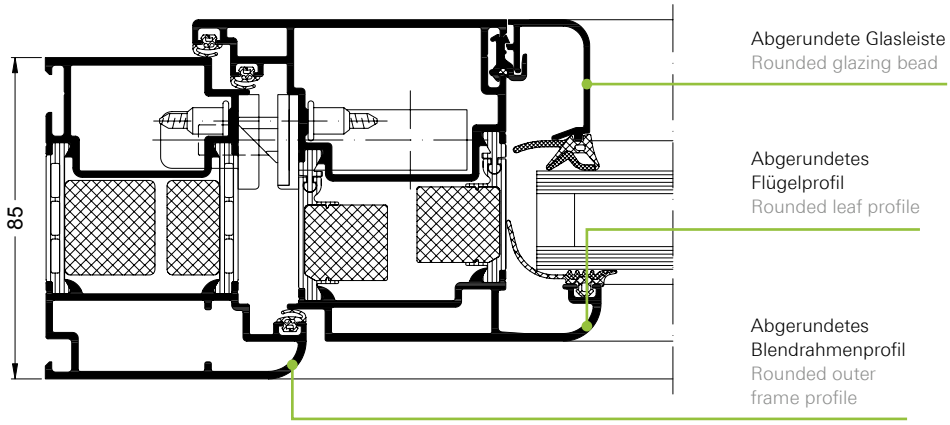
Soft Line (SL)
Mit einer abgerundeten Kontur an Flügelprofil und der Glasleiste bietet Schüco mit der Soft Line-Kontur eine attraktive und optisch sehr harmonische Lösung mit einer weichen Linienführung.

Soft Line (SL)
With its rounded contour on vent profiles and the glazing bead, the Soft Line contour from Schüco is an attractive and visually seamless solution.

Residential Line am Beispiel Schüco Tür ADS 75 RL.SI
Example of Residential Line on Schüco Door ADS 75 RL.SI



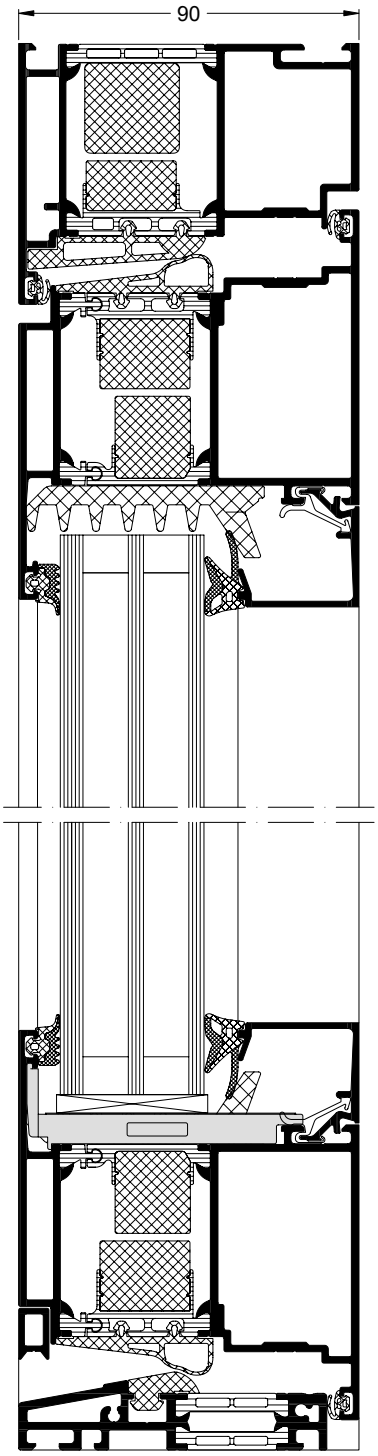
Soft Line am Beispiel Schüco Tür ADS 75 SL.SI
Example of Soft Line on Schüco Door ADS 75 SL.SI



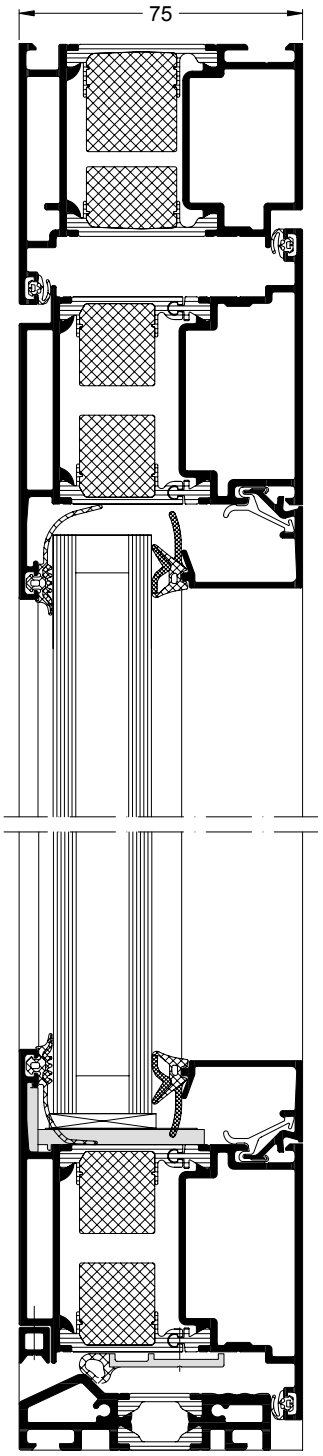
Maßstab 1:2
Scale 1:2

Technische Informationen
Technical information

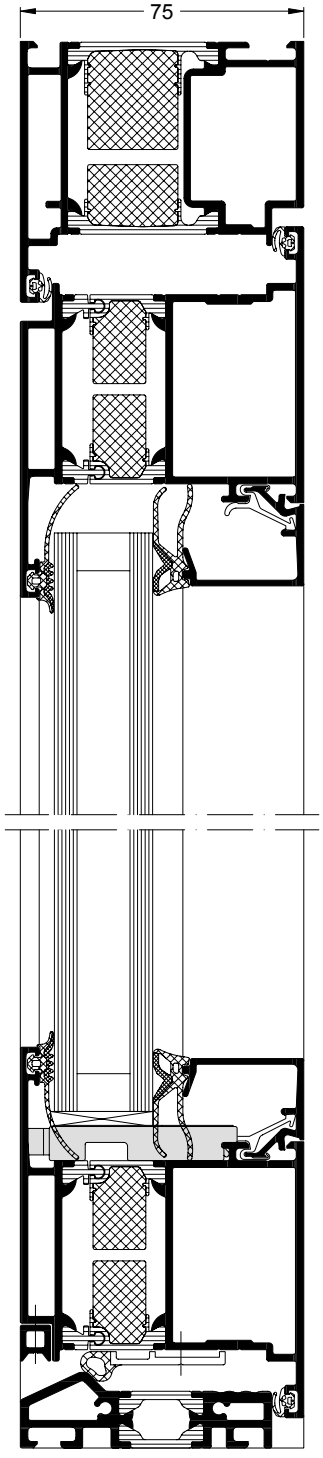
Schüco Tür ADS 90.SI
Schüco Door ADS 90.SI



Schüco Tür ADS 75.SI
Schüco Door ADS 75.SI



Schüco Tür ADS 75 HD.HI
Schüco Door ADS 75 HD.HI

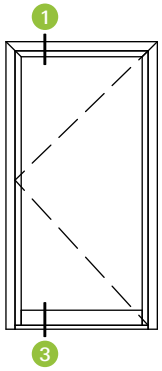


Maßstab 1:2
Scale 1:2

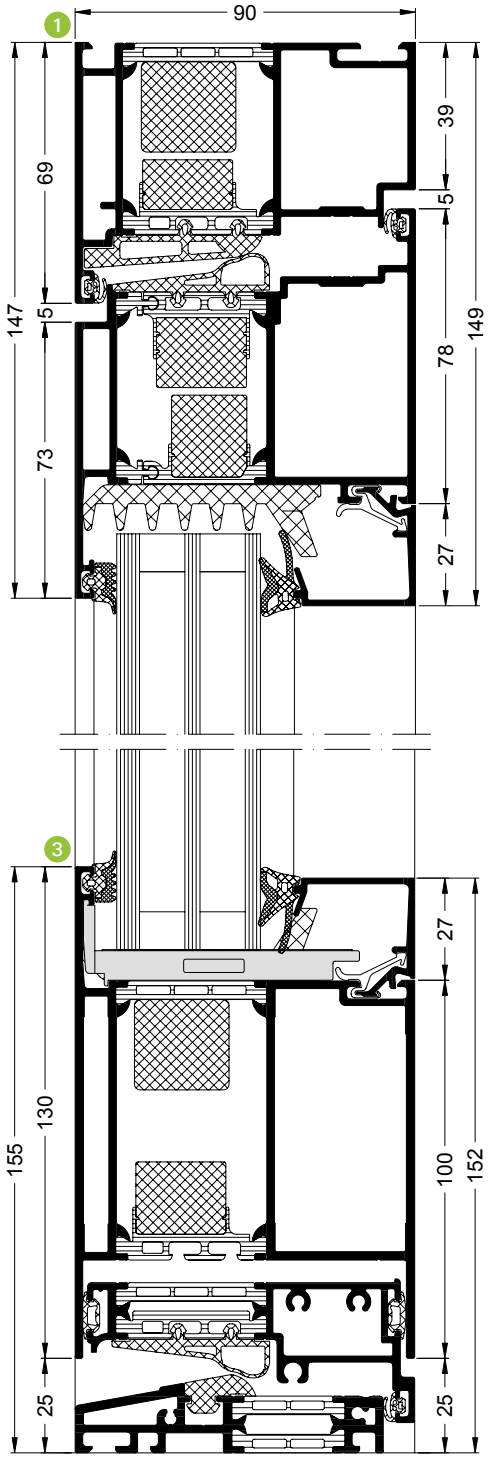
Schüco System Schüco System	ADS 90.SI	ADS 75.SI	ADS 75 HD.HI
Abmessungen Dimensions			
Bautiefe Blendrahmen Basic depth of outer frame	90 mm	75 mm	75 mm
Bautiefe Flügelrahmen Basic depth of leaf frame	90 mm	75 mm / 85 mm	75 mm / 85 mm
Glasstärke Festfeld Glass thickness of fixed light	26 – 63 mm	19 – 55 mm	19 – 55 mm
Glasstärke Flügel Glass thickness of vent	26 – 63 mm	24 – 67 mm	24 – 67 mm
Prüfungen und Normen Tests and standards			
Wärmedämmung nach DIN EN ISO 10077-2 Thermal insulation in accordance with DIN EN ISO 10077-2	$U_f \geq 1{,}2$ W/(m²K)	$U_f \geq 1{,}4$ W/(m²K)	$U_f \geq 1{,}4$ W/(m²K)
Schalldämmung nach DIN EN ISO 140-3 Sound insulation in accordance with DIN EN ISO 140-3	–	bis to R_w 43 dB	bis to R_w 43 dB
Einbruchhemmung nach DIN EN 1627 (DIN V ENV 1627) Burglar resistance in accordance with DIN EN 1627 (DIN V ENV 1627)	Klasse Class RC 3 (WK3)	Klasse Class RC 3 (WK3)	Klasse Class RC 3 (WK3)
Luftdurchlässigkeit nach DIN EN 12207 Air permeability in accordance with DIN EN 12207	Klasse Class 4	Klasse Class 2	Klasse Class 2
Schlagregendichtheit nach DIN EN 12208 * Watertightness in accordance with DIN EN 12208 *	Klasse Class 750E	Klasse Class 5A	Klasse Class 5A
Windlastwiderstand nach DIN EN 12210 Wind load resistance in accordance with DIN EN 12210	Klasse Class C4	Klasse Class C3	Klasse Class C3
Mechanische Beanspruchung nach DIN EN 13115 Mechanical loading in accordance with DIN EN 13115	Klasse Class 3	Klasse Class 3	Klasse Class 3
Dauerfunktion nach DIN EN 12400 Resistance to repeated opening and closing in accordance with DIN EN 12400	Klasse Class 6	Klasse Class 6	Klasse Class 6

* Durchbiegungsverhalten profilabhängig
The amount of deflection will depend on the profile

Profilschnitte Schüco Tür ADS 90.SI
Profile section details for Schüco Door ADS 90.SI

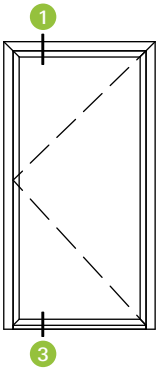


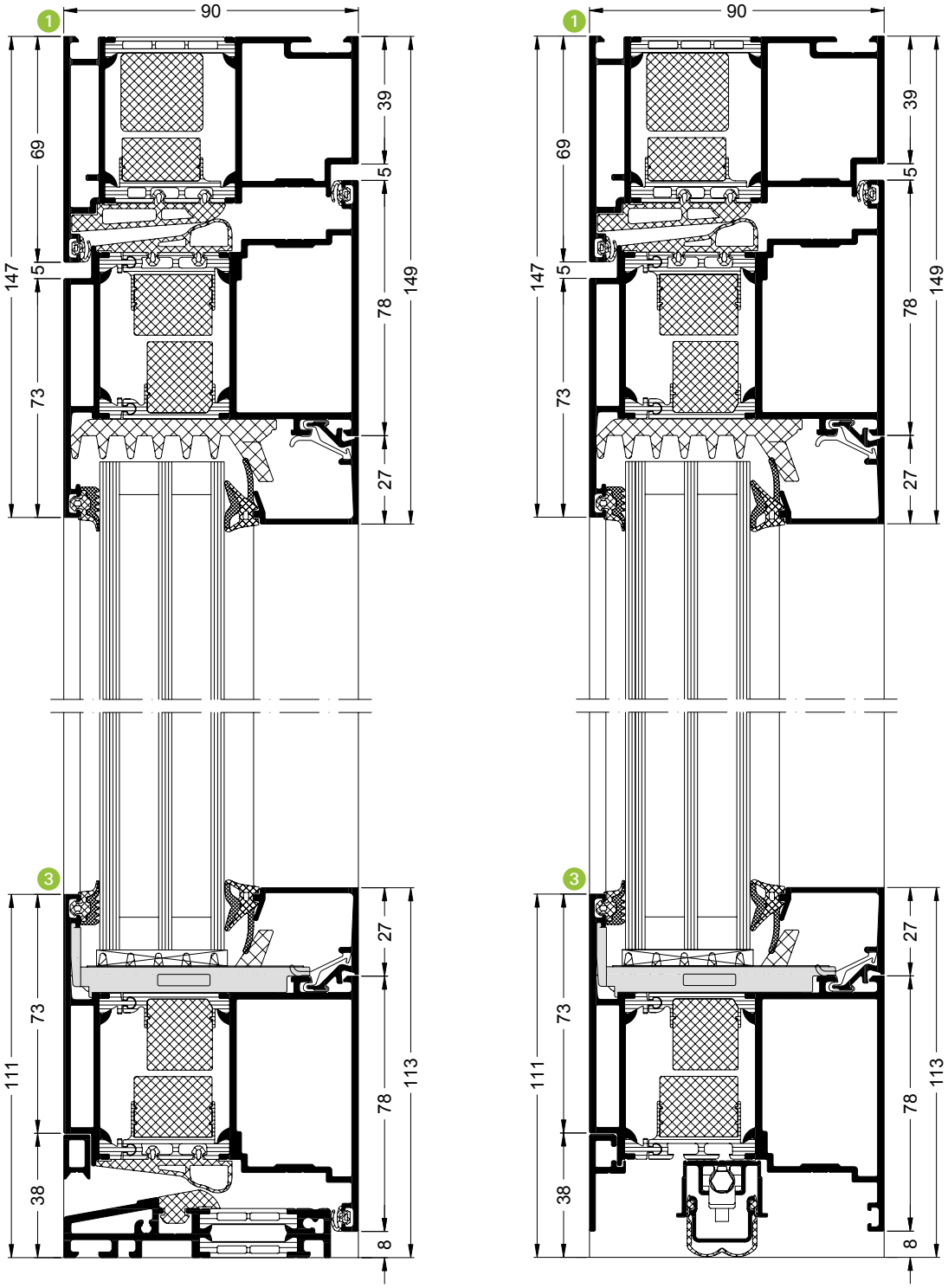
Tür, flächenbündig, 1-flügelig, nach innen öffnend
Door, flush-fitted, single-leaf, inward-opening



Maßstab 1:2
Scale 1:2

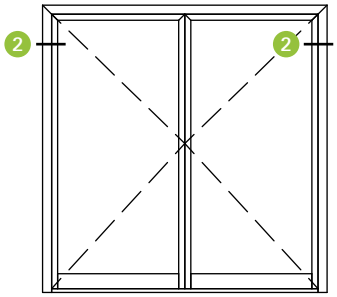
Tür, flächenbündig, 1-flügelig, nach innen öffnend
Door, flush-fitted, single-leaf, inward-opening

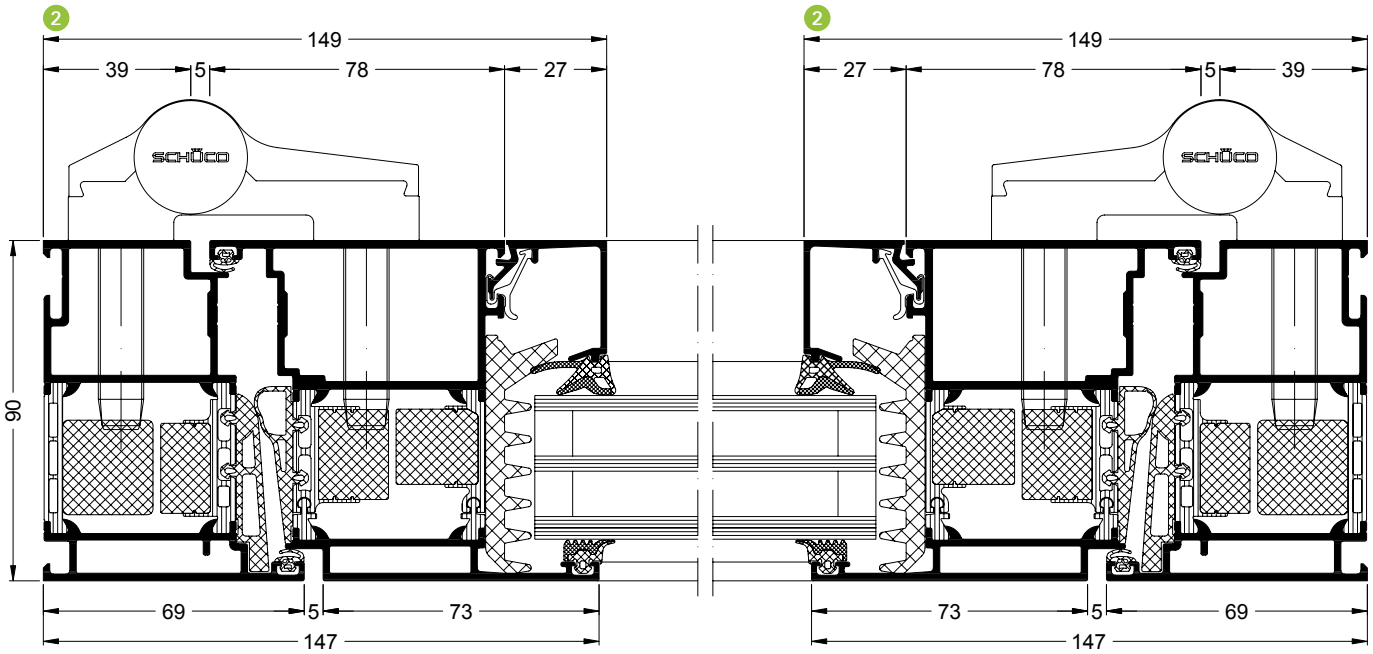




Maßstab 1:2
Scale 1:2

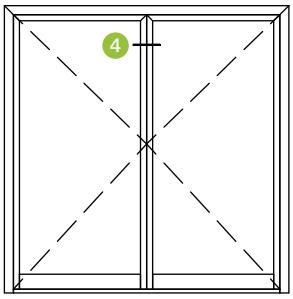
Tür, flächenbündig, 2-flügelig, nach innen öffnend
Door, flush-fitted, double-leaf, inward-opening

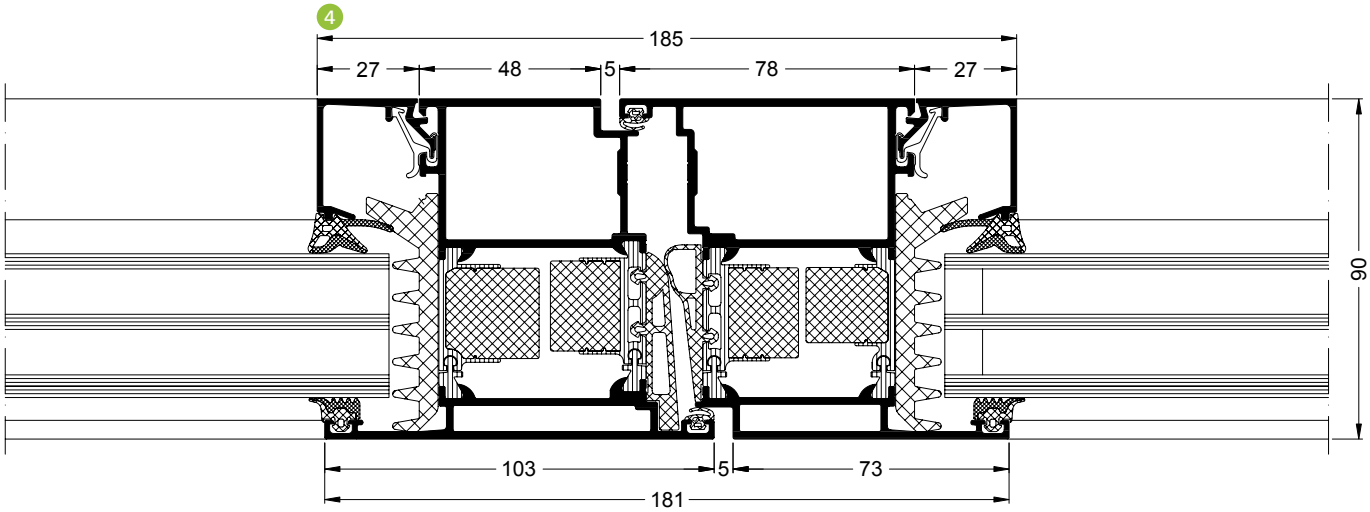




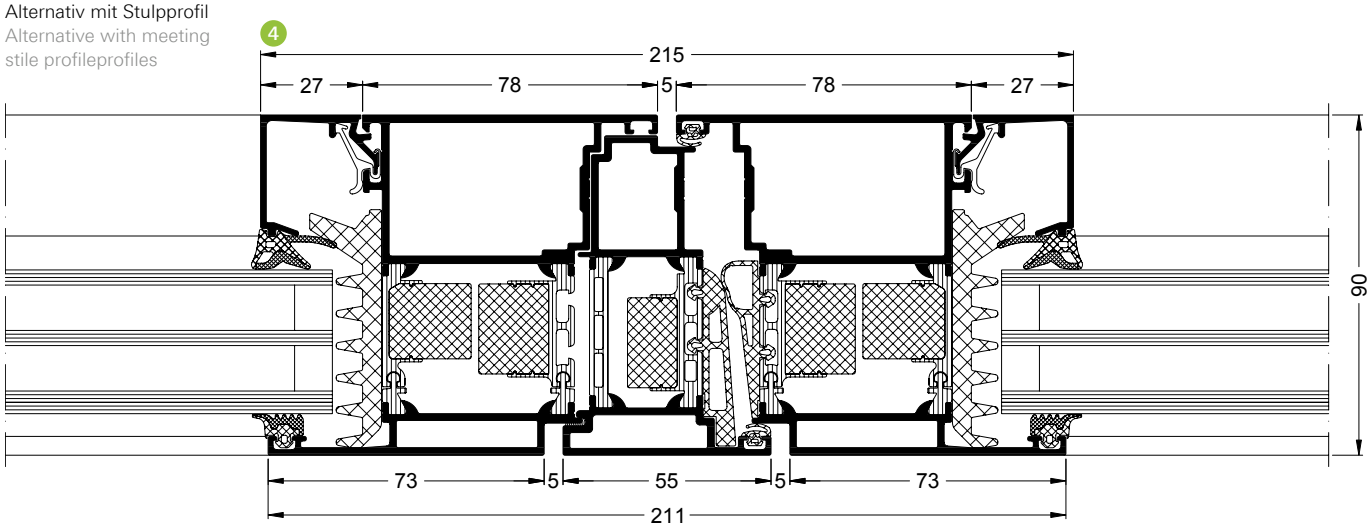
Maßstab 1:2
Scale 1:2

Tür, flächenbündig, 2-flügelig, nach innen öffnend
Door, flush-fitted, double-leaf, inward-opening



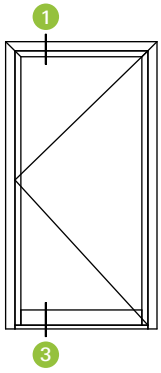


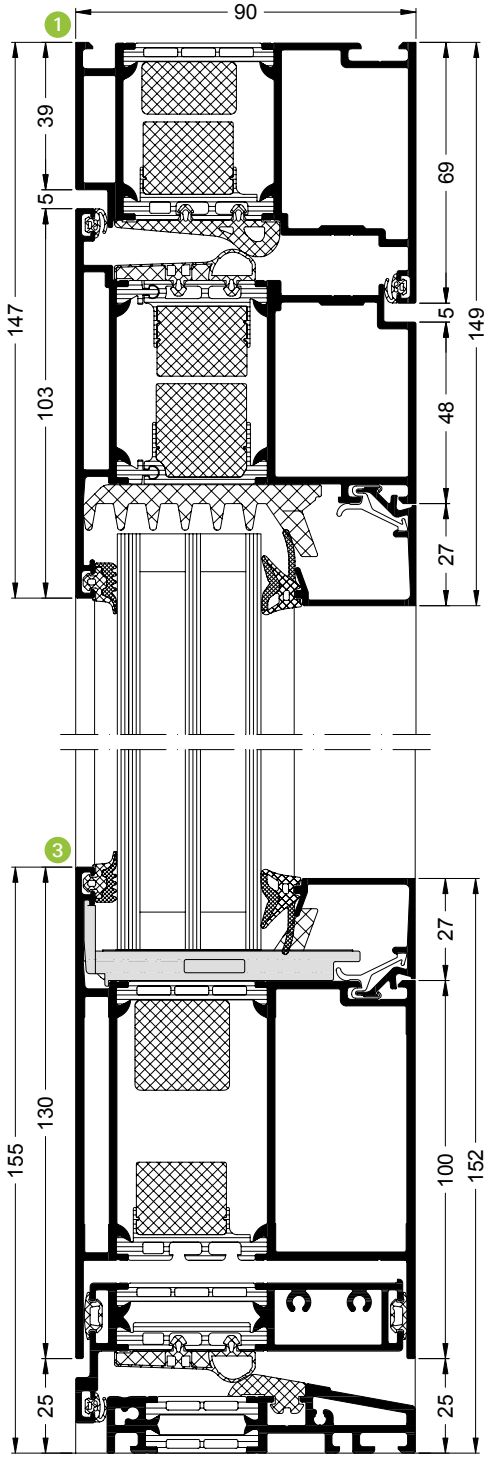
Alternativ mit Stulpprofil
Alternative with meeting stile profileprofiles

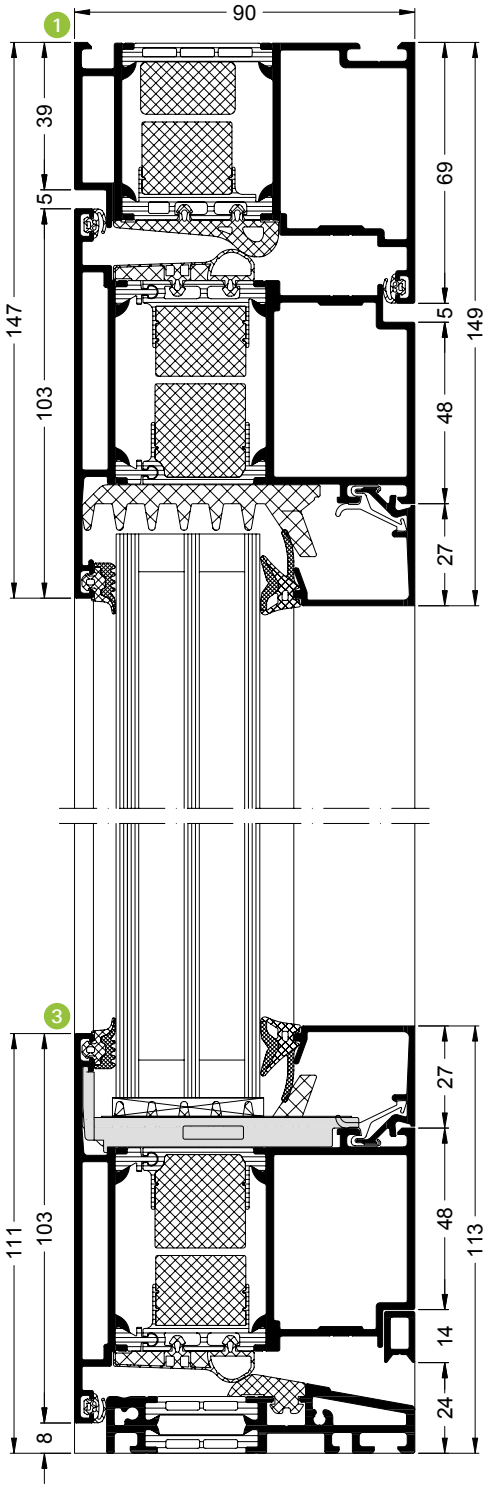


Maßstab 1:2
Scale 1:2

Tür, flächenbündig, 1-flügelig, nach außen öffnend
Door, flush-fitted, single-leaf, outward-opening

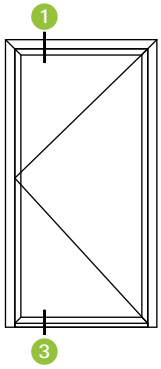


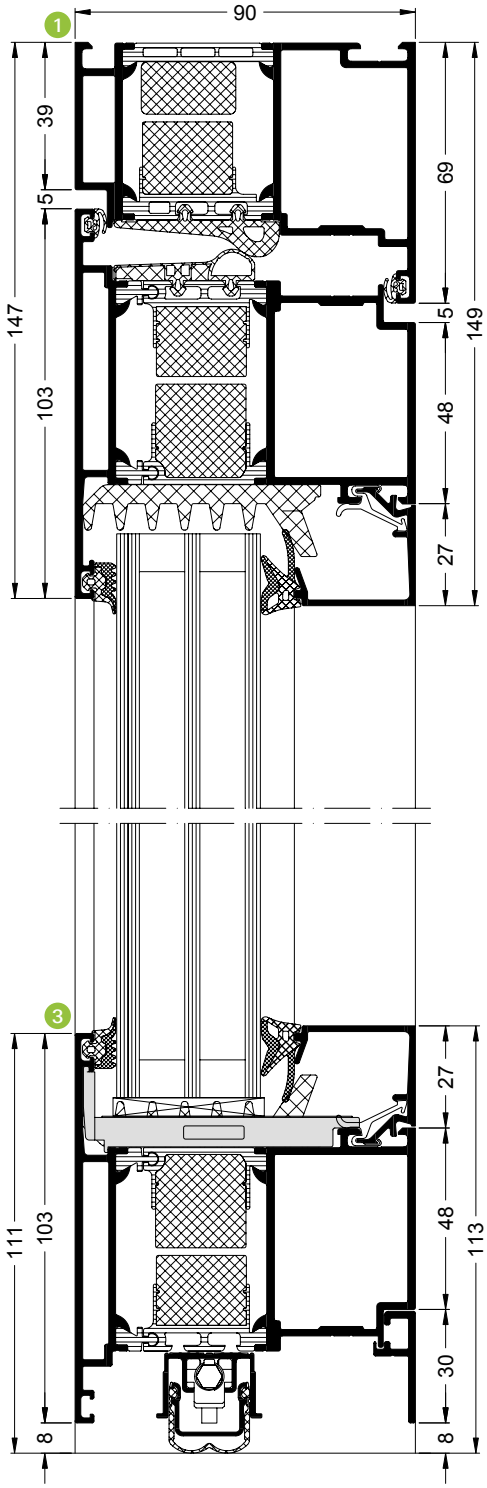




Maßstab 1:2
Scale 1:2

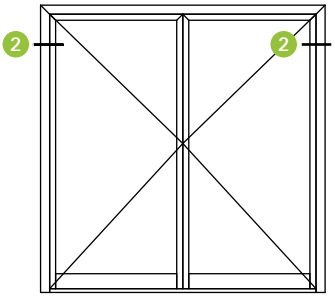
Tür, flächenbündig, 1-flügelig, nach außen öffnend
Door, flush-fitted, single-leaf, outward-opening

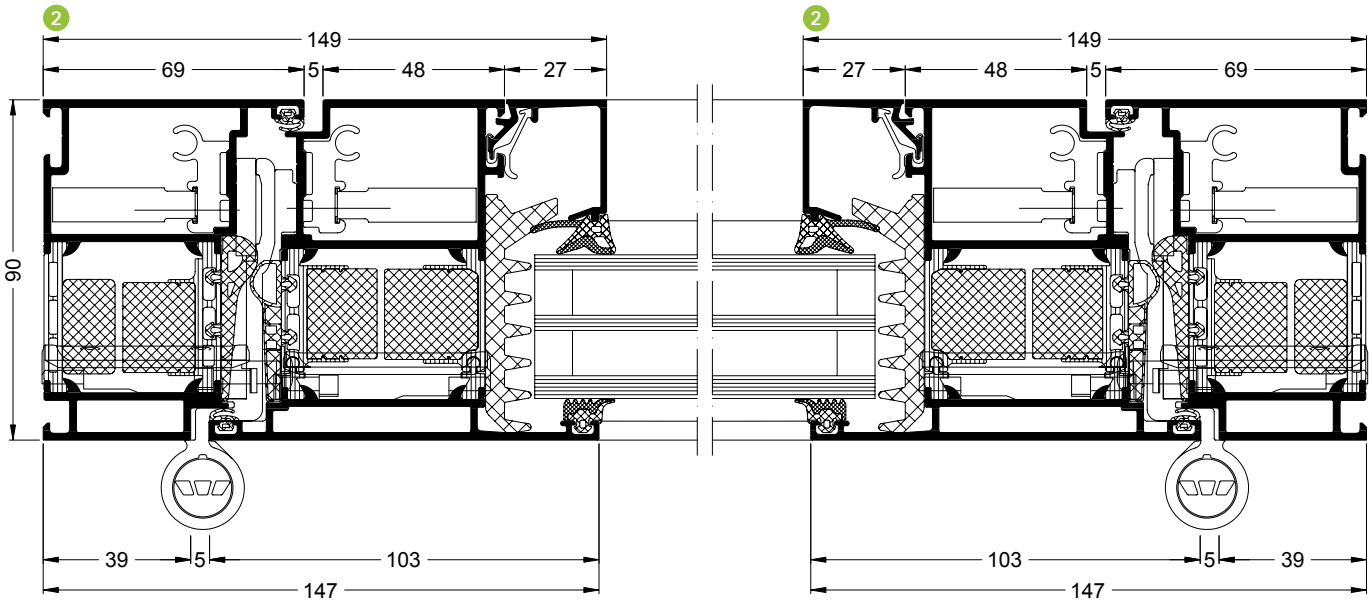




Maßstab 1:2
Scale 1:2

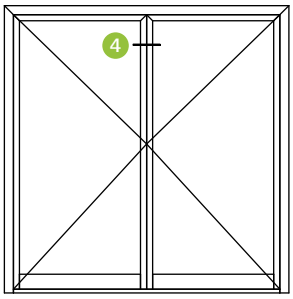
Tür (Standardtür), flächenbündig, 2-flügelig, nach außen öffnend
Door (standard door), flush-fitted, double-leaf, outward-opening

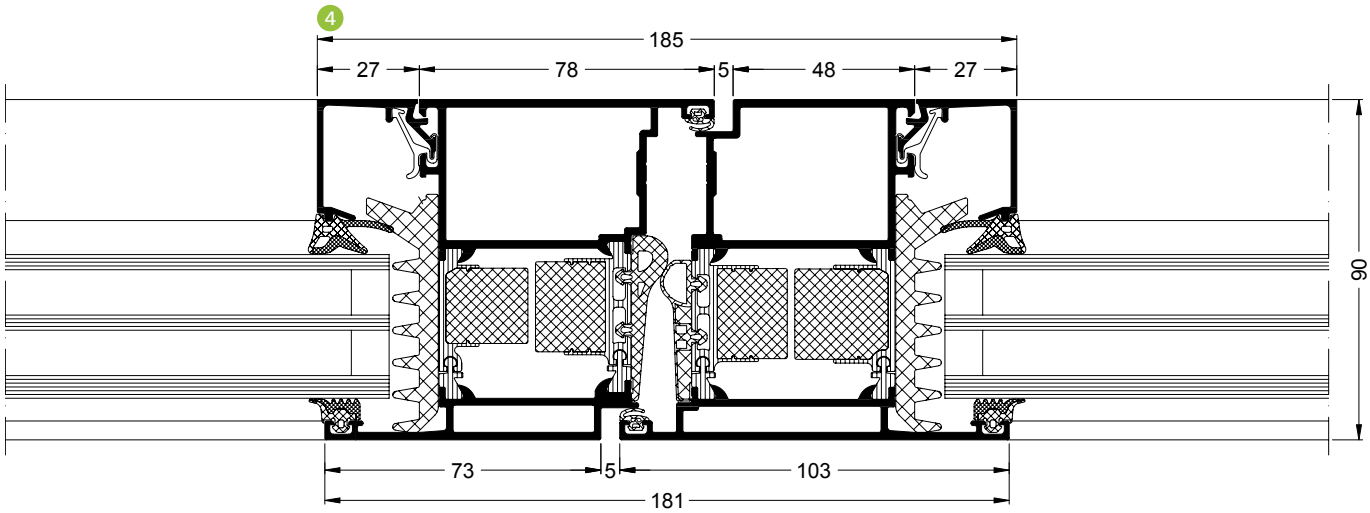




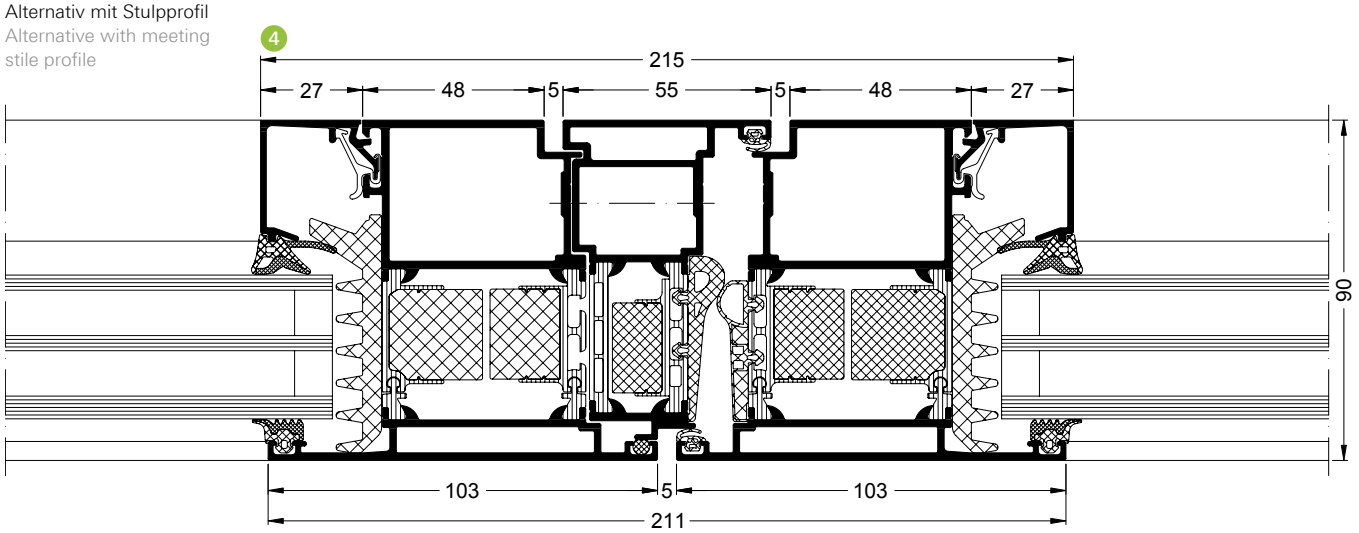
Maßstab 1:2
Scale 1:2

Tür (Standardtür), flächenbündig, 2-flügelig, nach außen öffnend
Door (standard door), flush-fitted, double-leaf, outward-opening



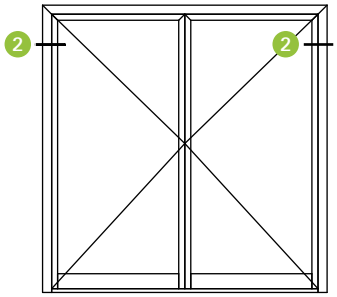


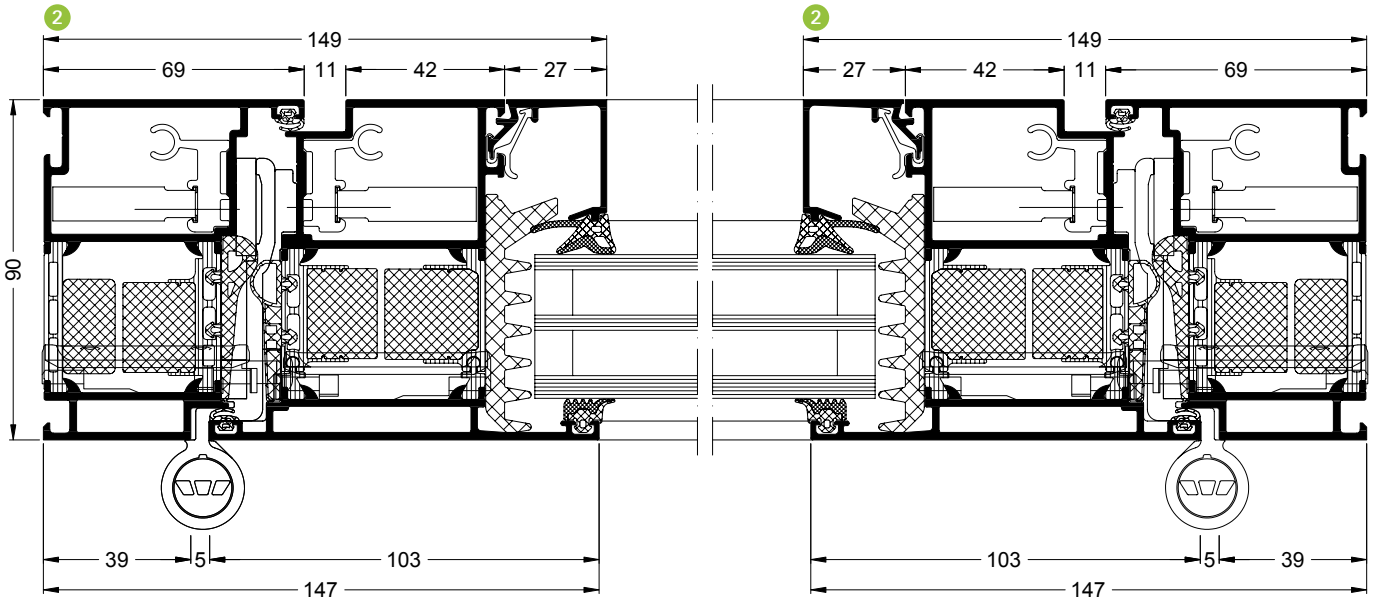
Alternativ mit Stulpprofil
Alternative with meeting stile profile



Maßstab 1:2
Scale 1:2

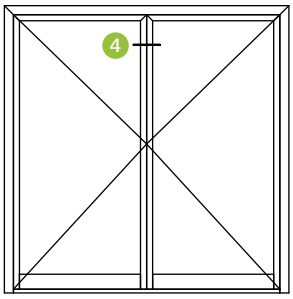
Tür (Fluchttür), flächenbündig, 2-flügelig, nach außen öffnend
Door (emergency exit), flush-fitted, double-leaf, outward-opening

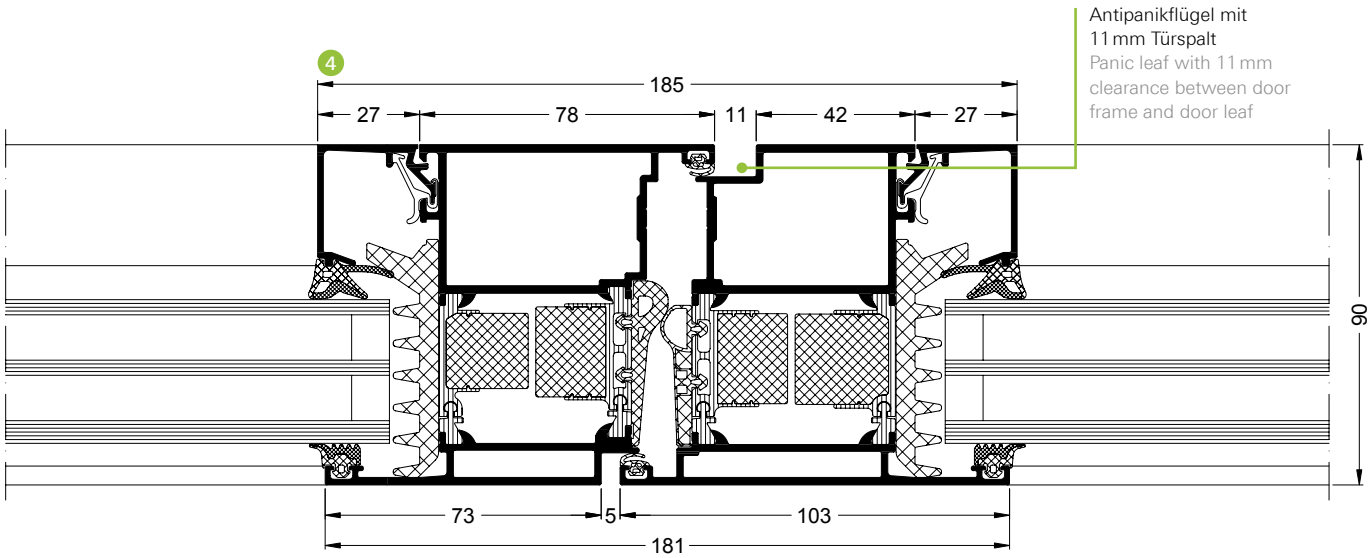




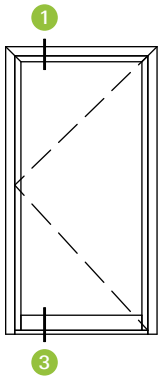
Maßstab 1:2
Scale 1:2

Tür (Fluchttür), flächenbündig, 2-flügelig, nach außen öffnend
Door (emergency exit), flush-fitted, double-leaf, outward-opening

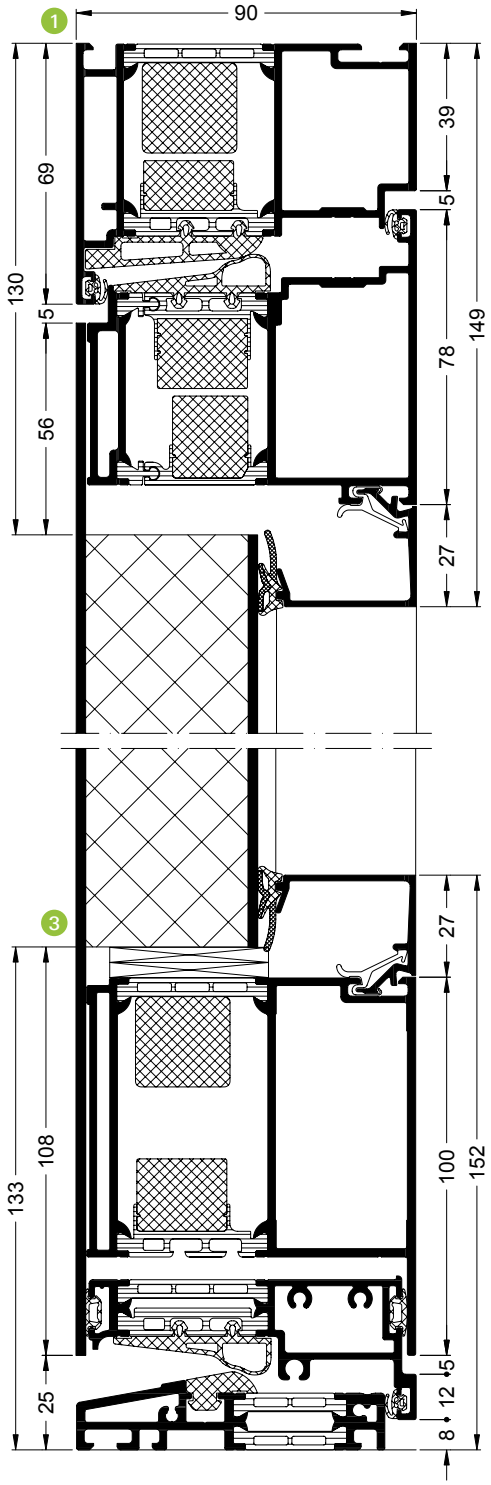




Maßstab 1:2
Scale 1:2

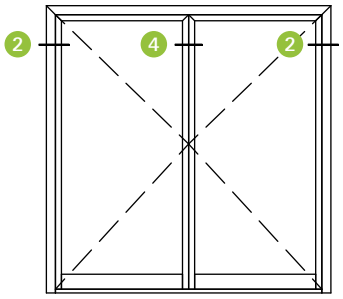


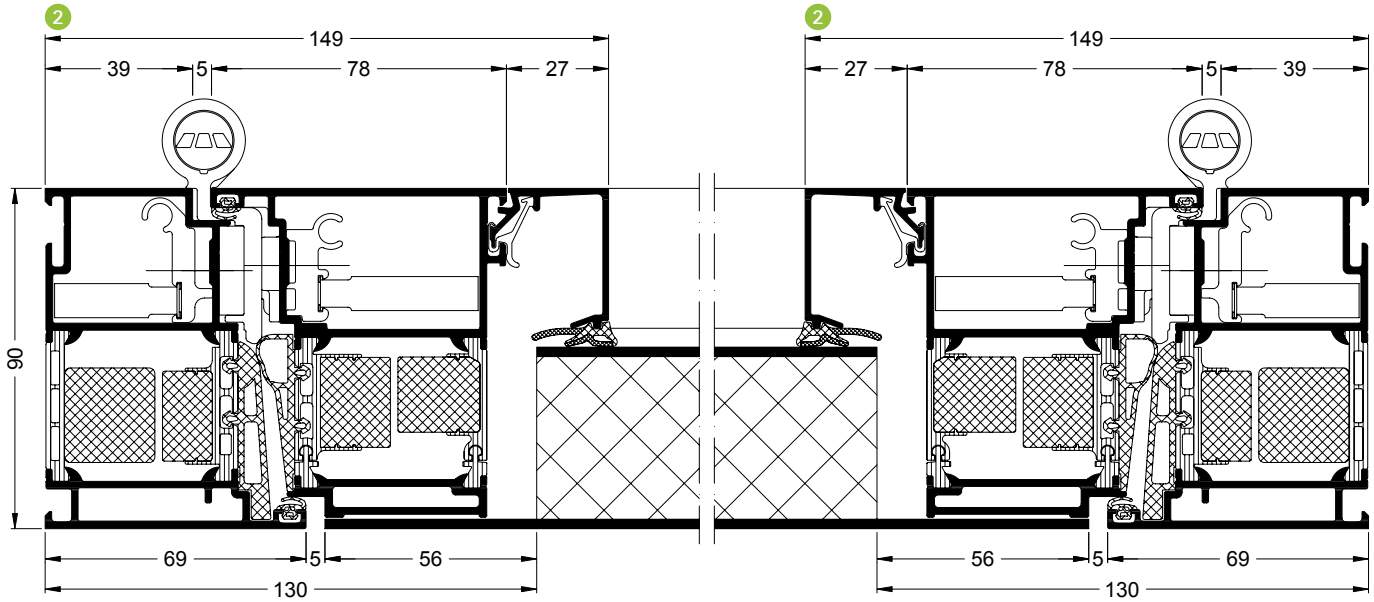
Tür, flächenbündig mit flügelüberdeckender Füllung, nach innen öffnend
Door, flush-fitted with leaf-enclosing infill, inward-opening

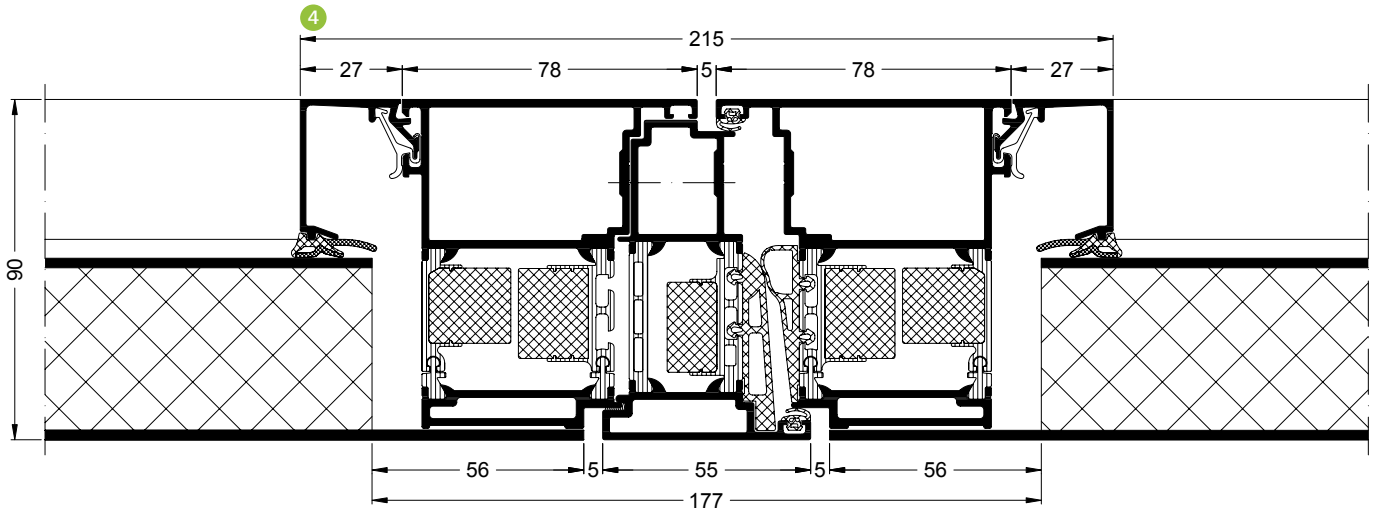


Maßstab 1:2
Scale 1:2

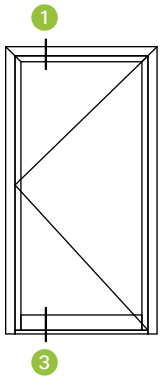
Tür, flächenbündig mit flügelüberdeckender Füllung, nach innen öffnend
Door, flush-fitted with leaf-enclosing infill, inward-opening



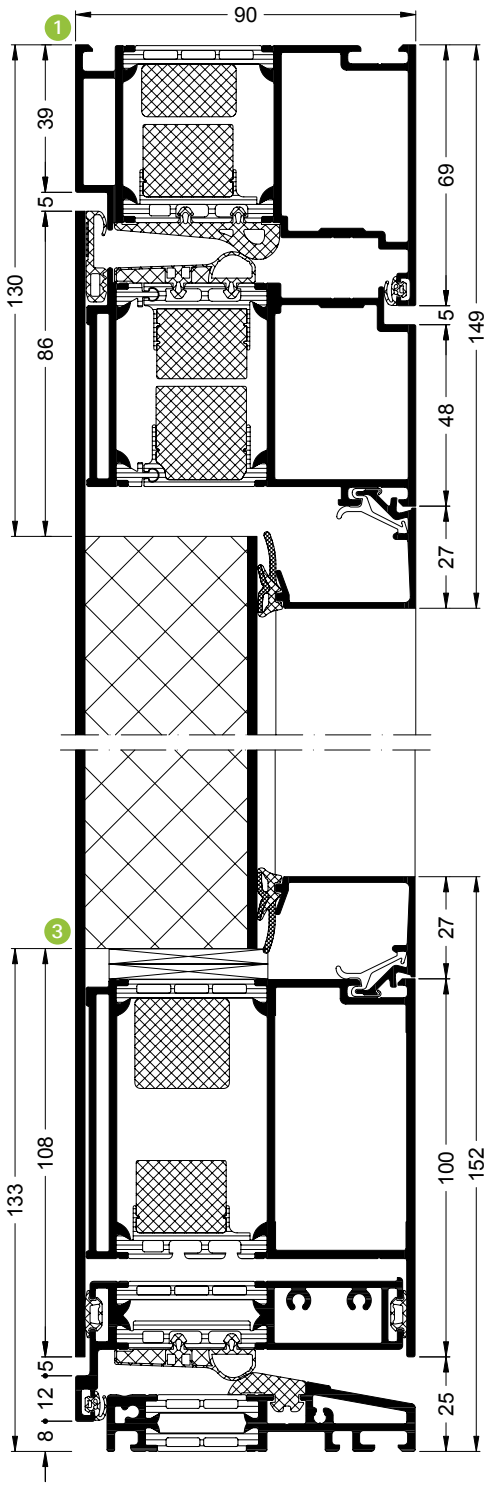




Maßstab 1:2
Scale 1:2

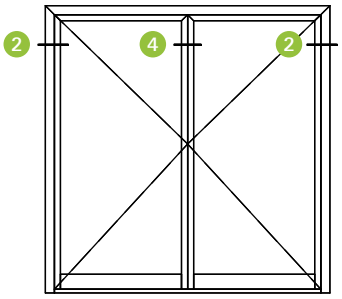


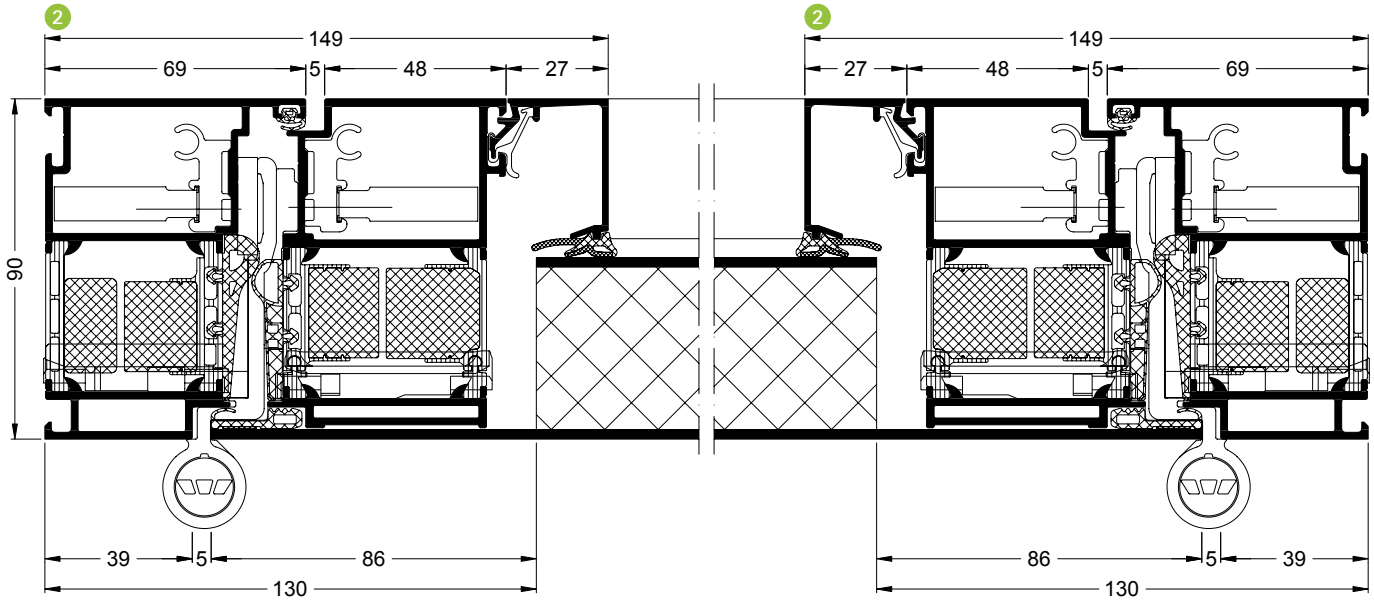
Tür, flächenbündig mit flügelüberdeckender Füllung, nach außen öffnend
Door, flush-fitted with leaf-enclosing infill, outward-opening

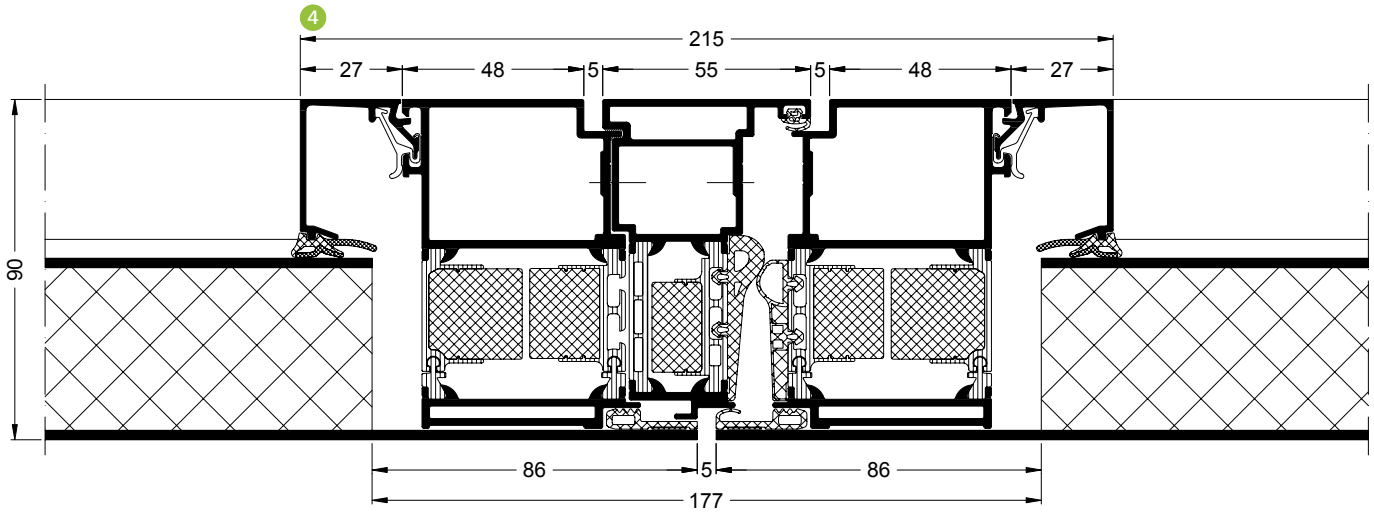


Maßstab 1:2
Scale 1:2

Tür, flächenbündig mit flügelüberdeckender Füllung, nach außen öffnend
Door, flush-fitted with leaf-enclosing infill, outward-opening



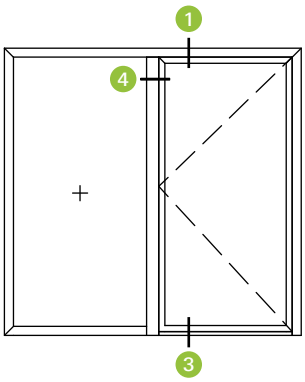


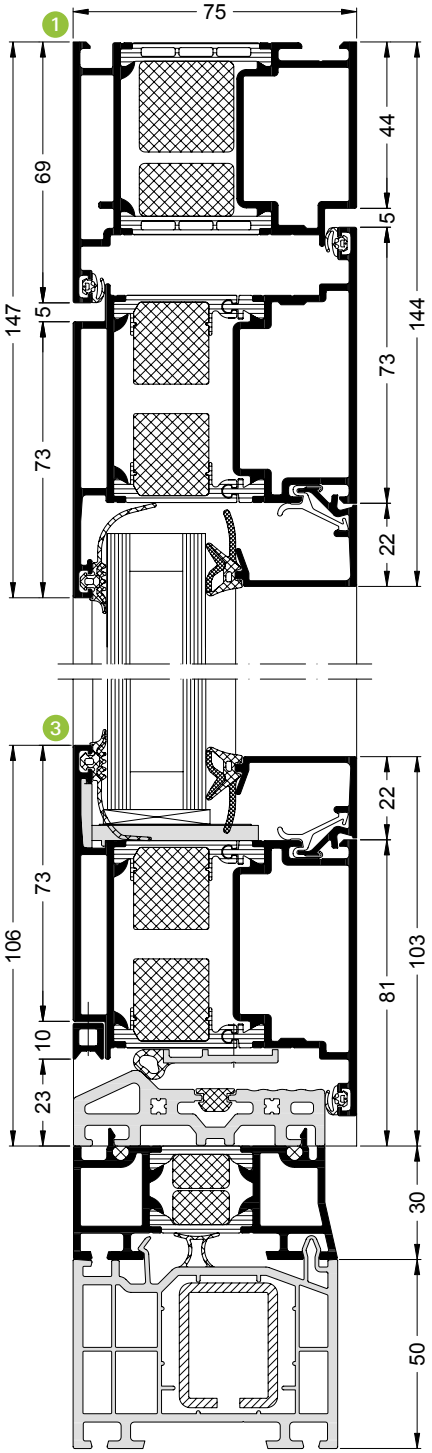


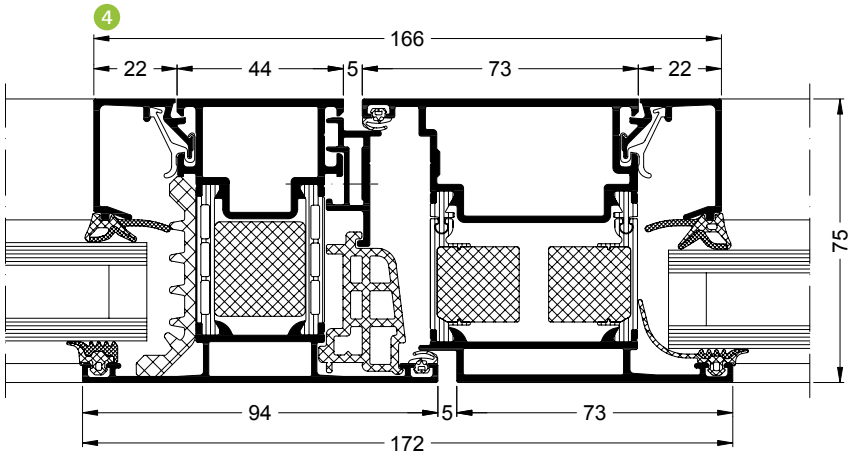
Maßstab 1:2
Scale 1:2

Profilschnitte Schüco Tür ADS 75.SI
Profile section details for Schüco Door ADS 75.SI

Tür, flächenbündig, 1-flügelig, nach innen öffnend
Door, flush-fitted, single-leaf, inward-opening

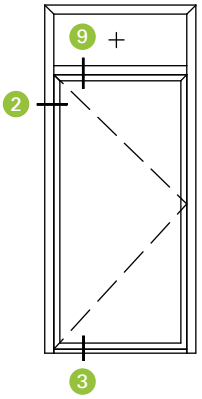


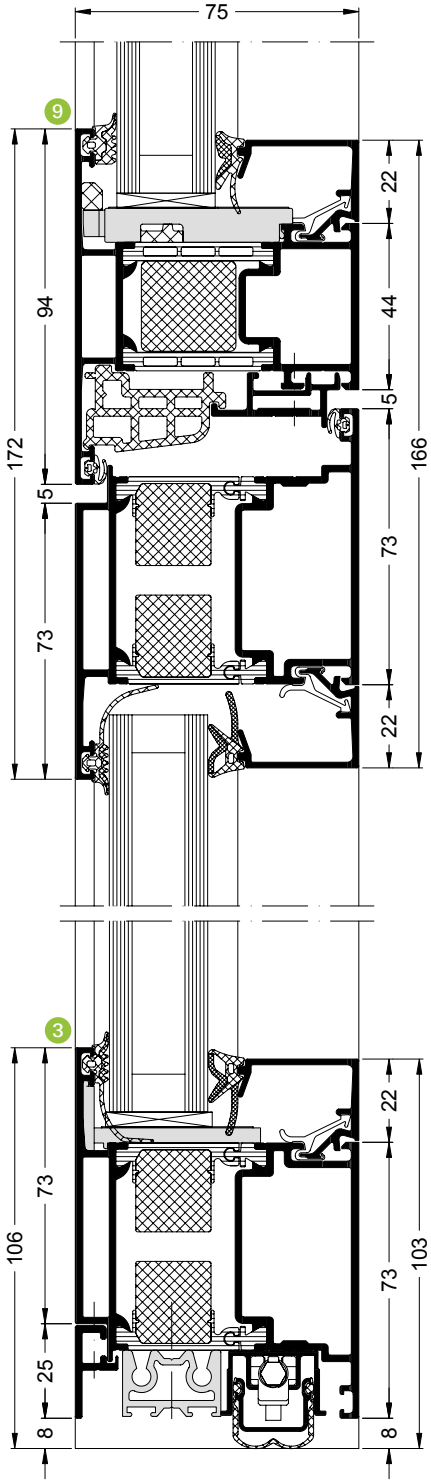


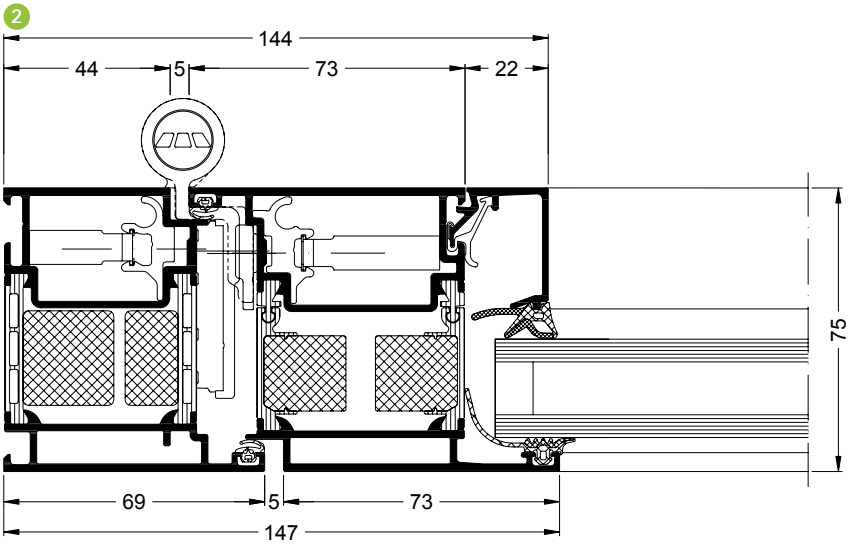


Maßstab 1:2
Scale 1:2

Tür mit oberem Festfeld, flächenbündig, 1-flügelig, nach innen öffnend
Door with fixed light at top, flush-fitted, single-leaf, inward-opening

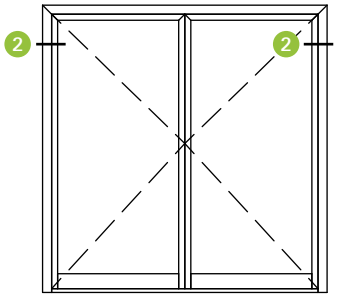


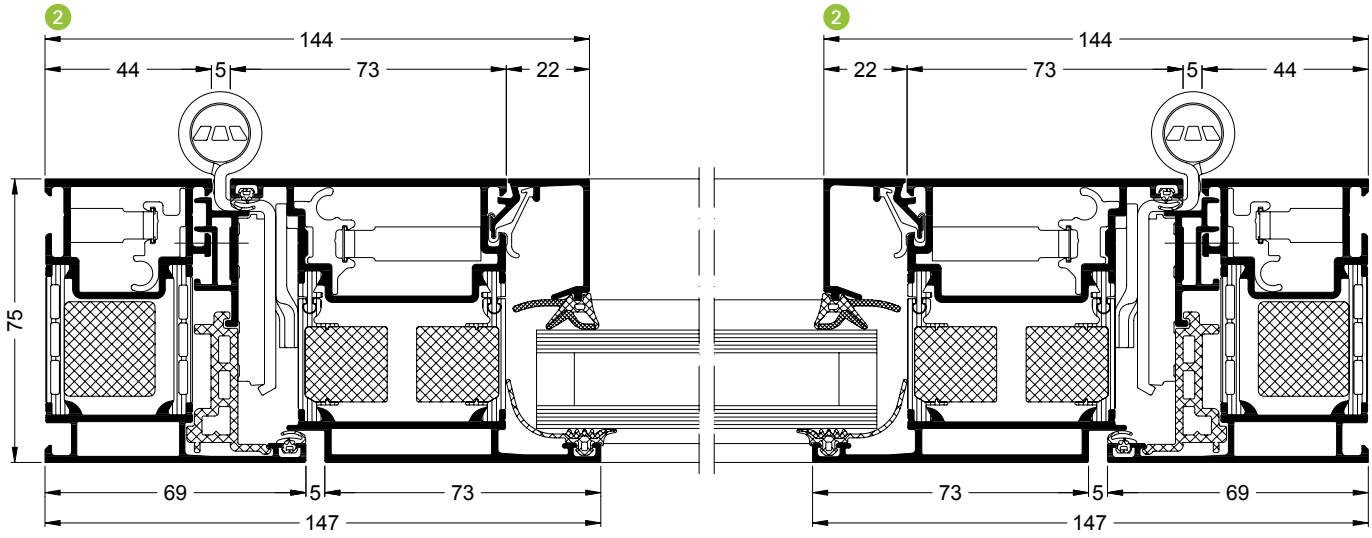




Maßstab 1:2
Scale 1:2

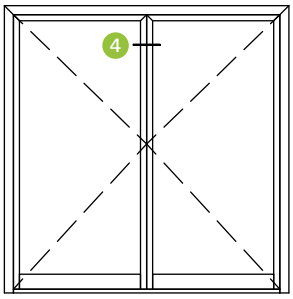
Tür, flächenbündig, 2-flügelig, nach innen öffnend
Door, flush-fitted, double-leaf, inward-opening

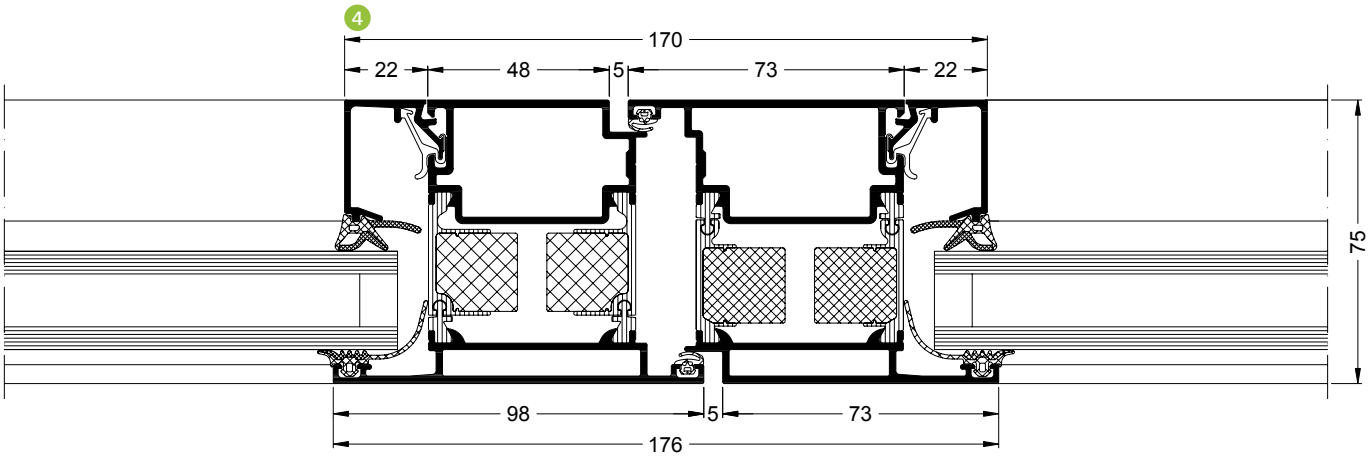




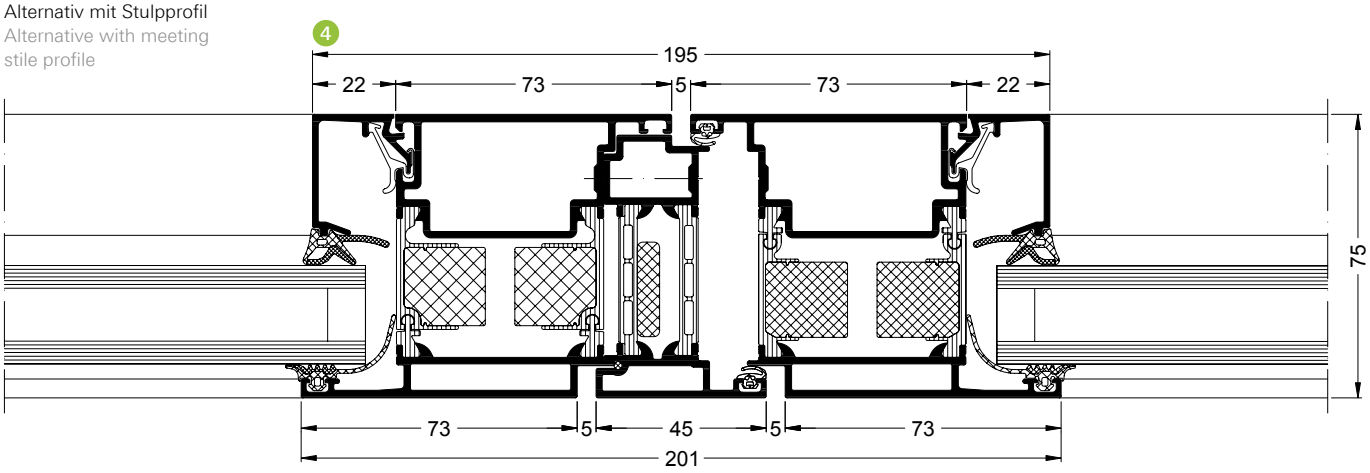
Maßstab 1:2
Scale 1:2

Tür, flächenbündig, 2-flügelig, nach innen öffnend
Door, flush-fitted, double-leaf, inward-opening



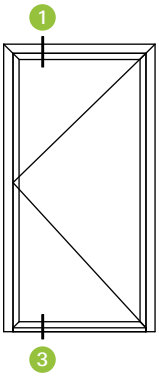


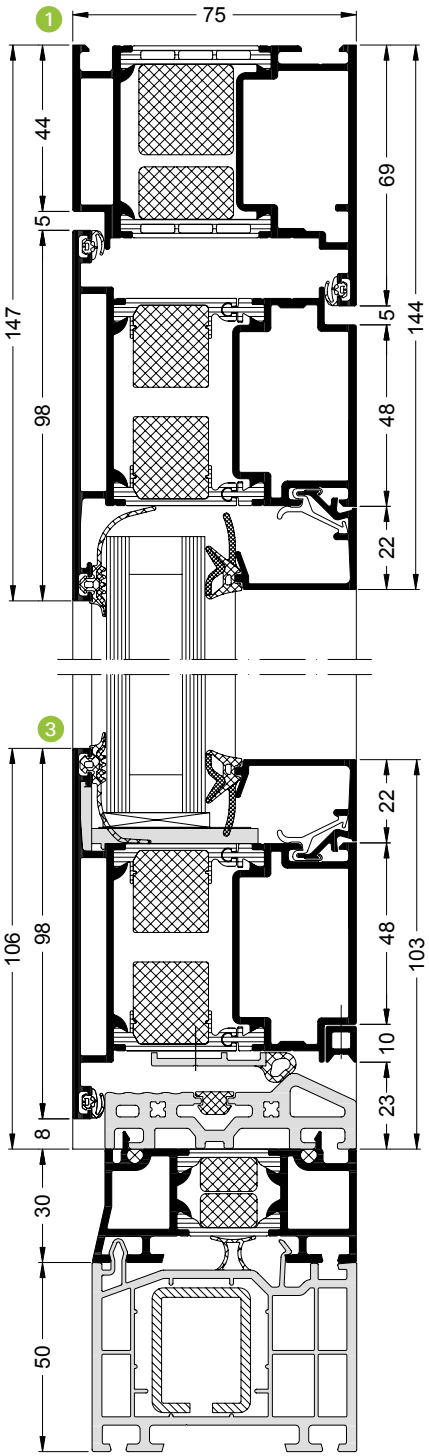
Alternativ mit Stulpprofil
Alternative with meeting stile profile



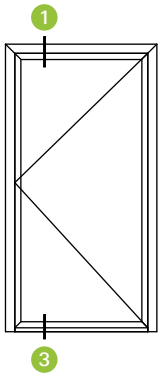
Maßstab 1:2
Scale 1:2

Tür, flächenbündig, 1-flügelig, nach außen öffnend
Door, flush-fitted, single-leaf, outward-opening

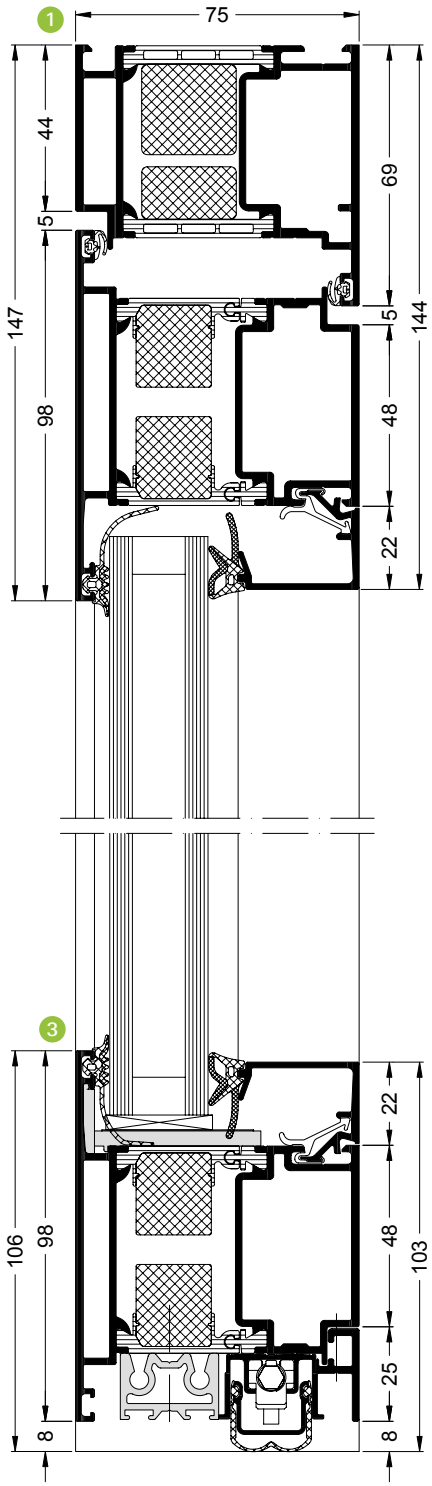




Maßstab 1:2
Scale 1:2

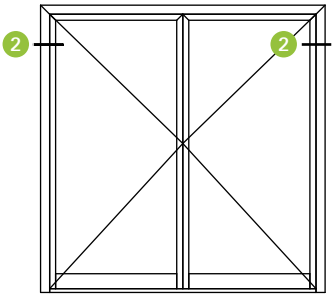


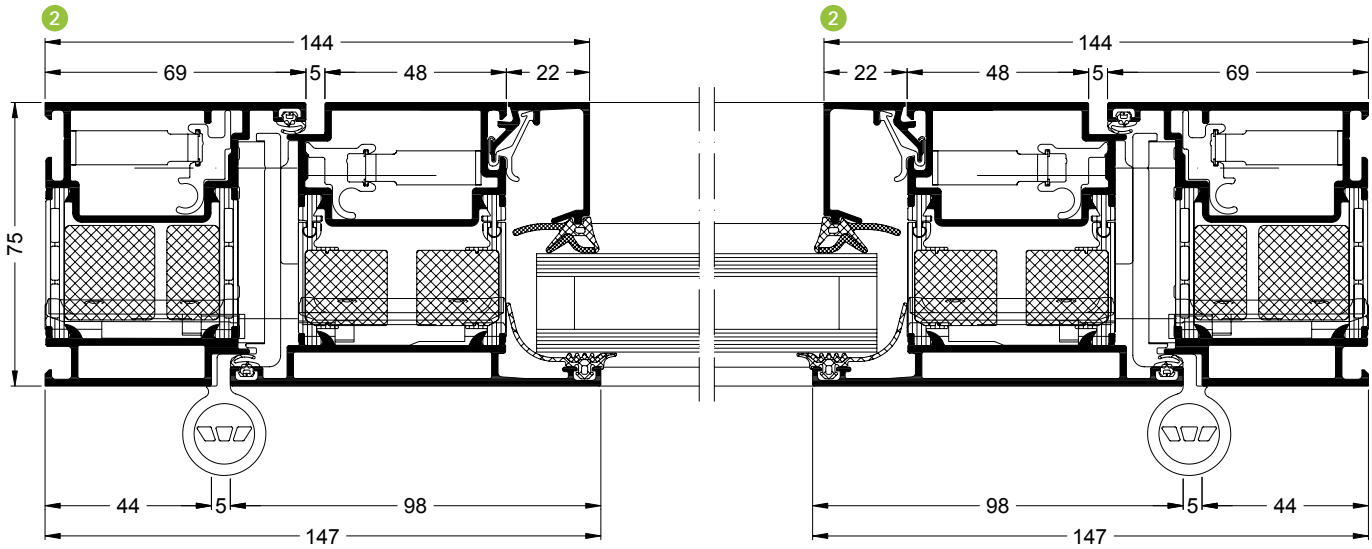
Tür, flächenbündig, 1-flügelig, nach außen öffnend
Door, flush-fitted, single-leaf, outward-opening



Maßstab 1:2
Scale 1:2

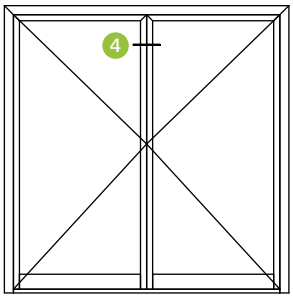
Tür (Standardtür), flächenbündig, 2-flügelig, nach außen öffnend
Door (standard door), flush-fitted, double-leaf, outward-opening

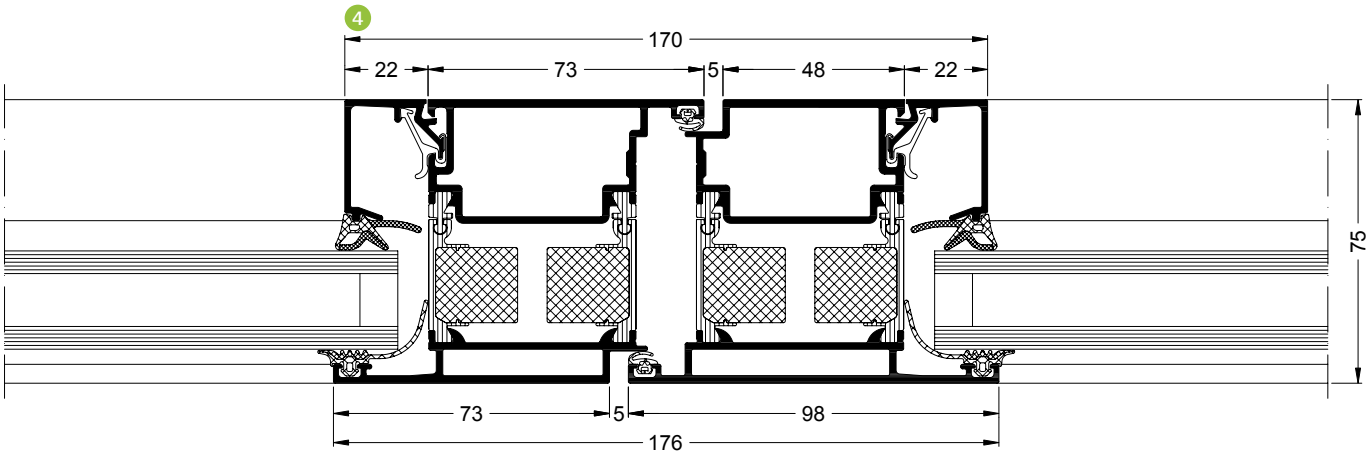




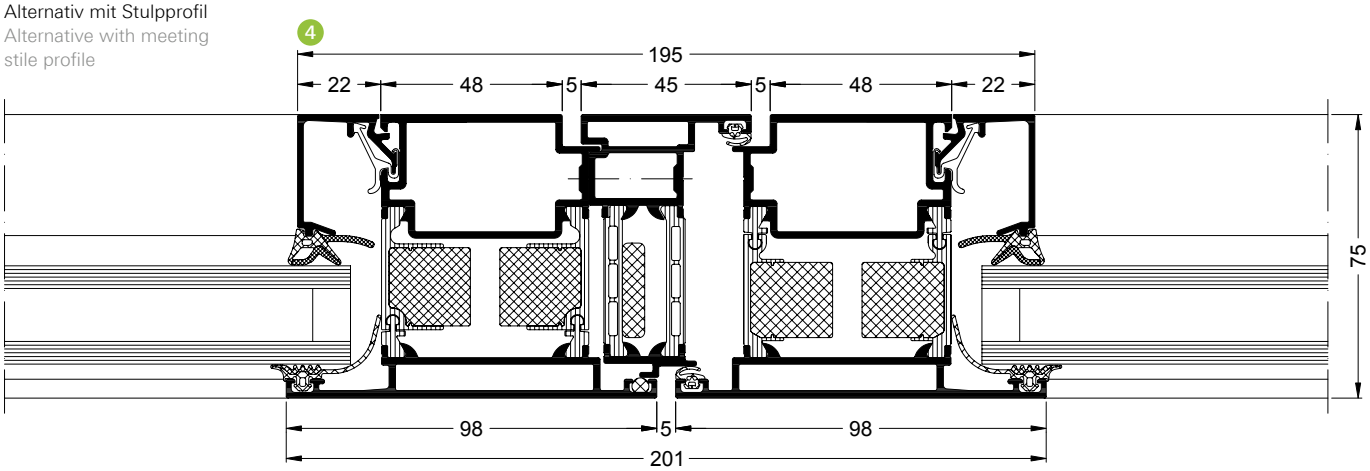
Maßstab 1:2
Scale 1:2

Tür (Standardtür), flächenbündig, 2-flügelig, nach außen öffnend
Door (standard door), flush-fitted, double-leaf, outward-opening



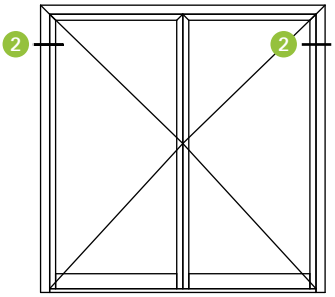


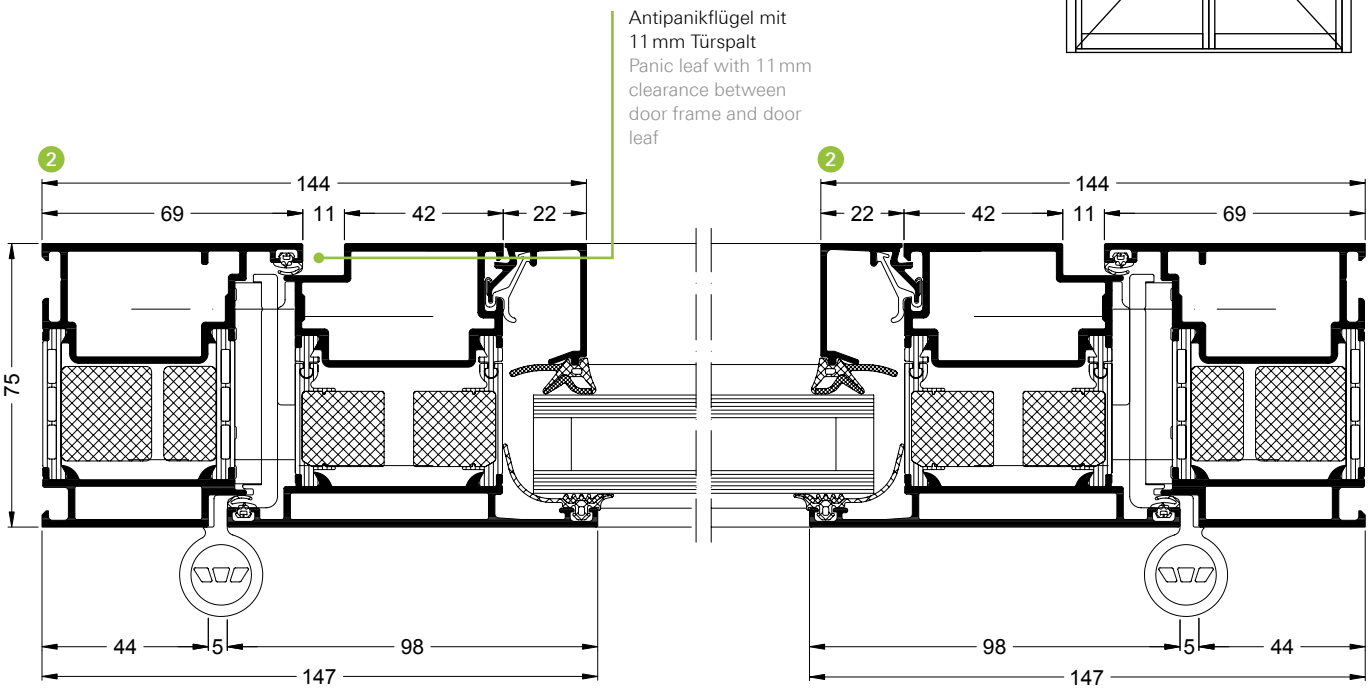
Alternativ mit Stulpprofil
Alternative with meeting stile profile



Maßstab 1:2
Scale 1:2

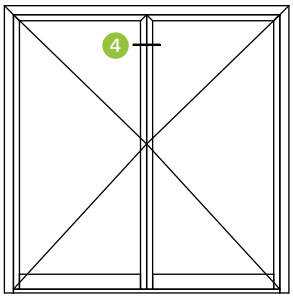
Tür (Fluchttür), flächenbündig, 2-flügelig, nach außen öffnend
Door (emergency exit), flush-fitted, double-leaf, outward-opening

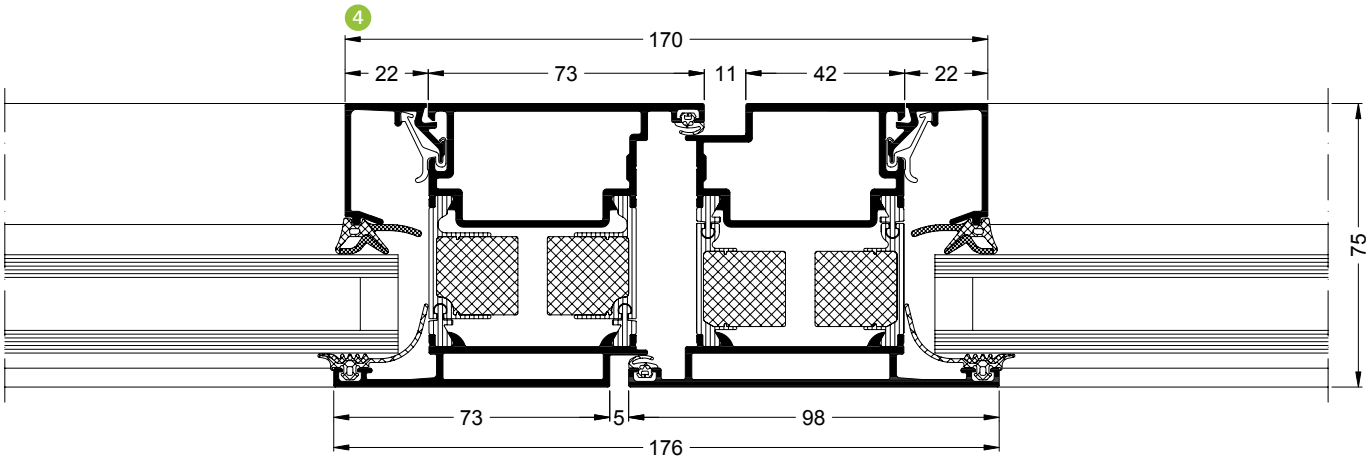




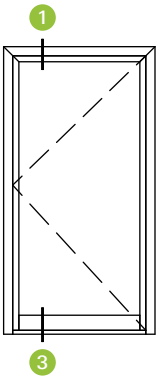
Maßstab 1:2
Scale 1:2

Tür (Fluchttür), flächenbündig, 2-flügelig, nach außen öffnend
Door (emergency exit), flush-fitted, double-leaf, outward-opening

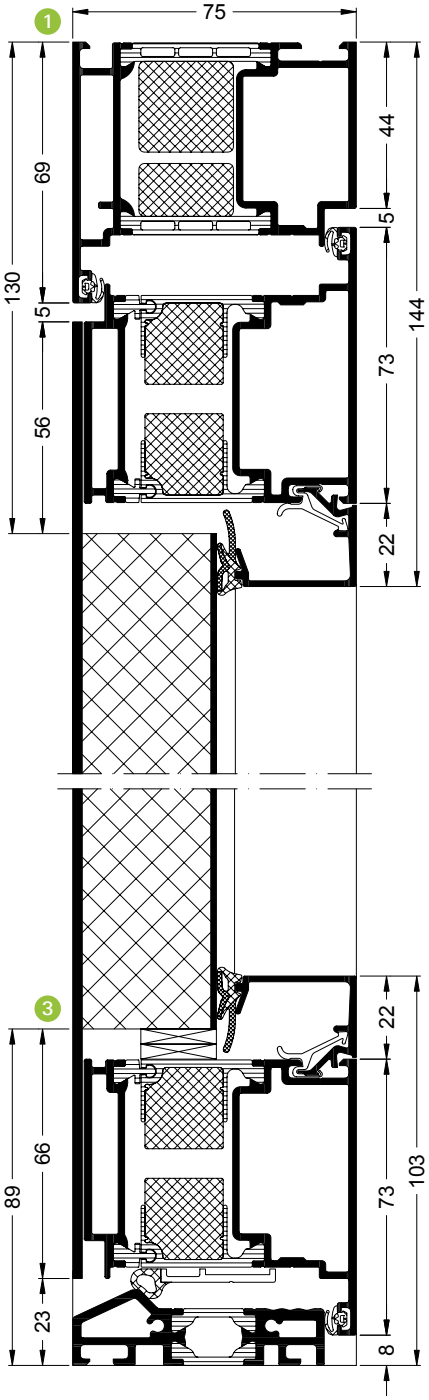




Maßstab 1:2
Scale 1:2

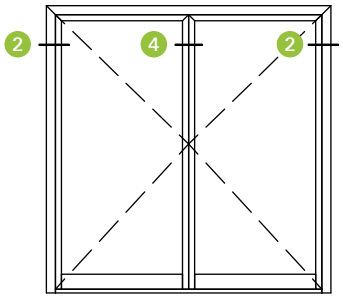


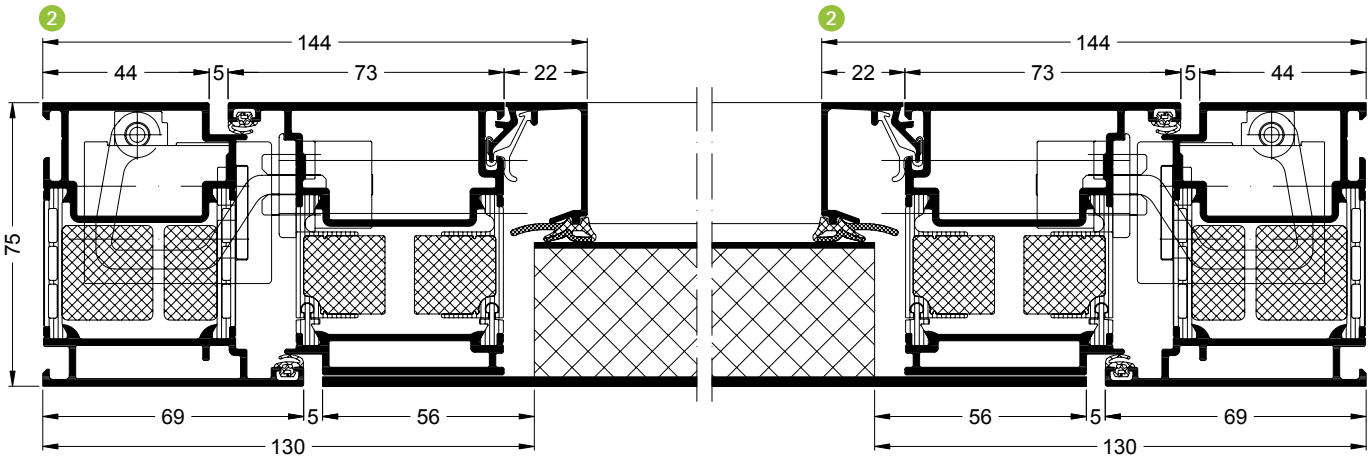
Tür, flächenbündig mit flügelüberdeckender Füllung, nach innen öffnend
Door, flush-fitted with leaf-enclosing infill, inward-opening

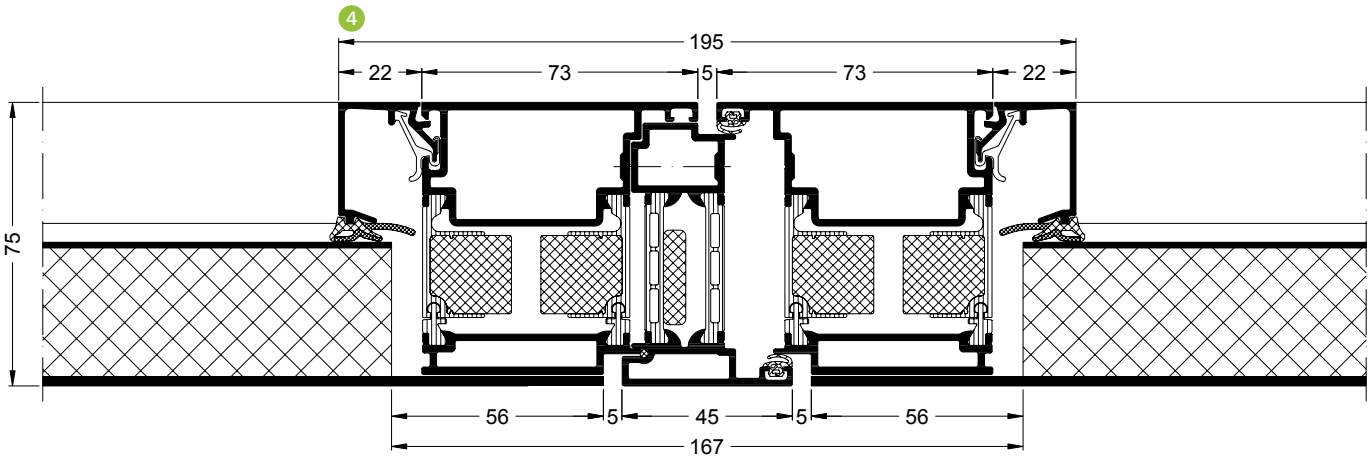


Maßstab 1:2
Scale 1:2

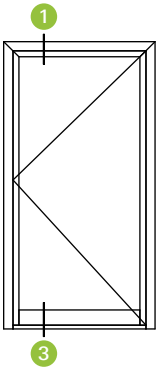
Tür, flächenbündig mit flügelüberdeckender Füllung, nach innen öffnend
Door, flush-fitted with leaf-enclosing infill, inward-opening



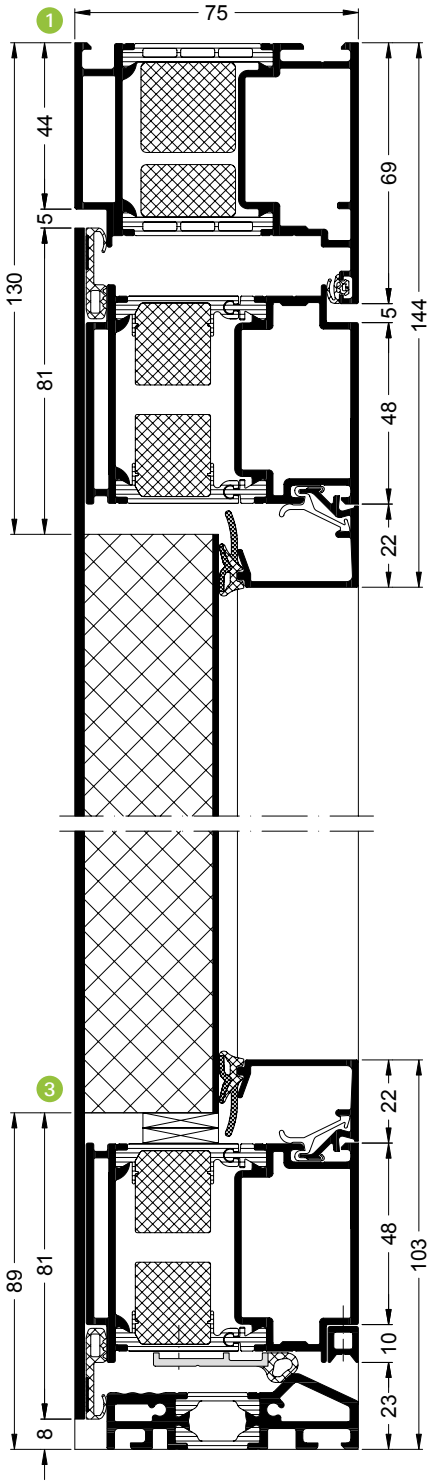




Maßstab 1:2
Scale 1:2

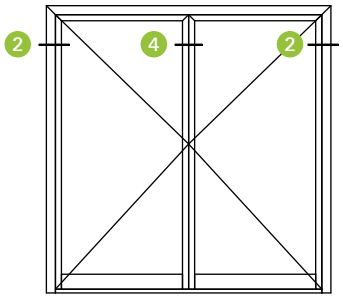


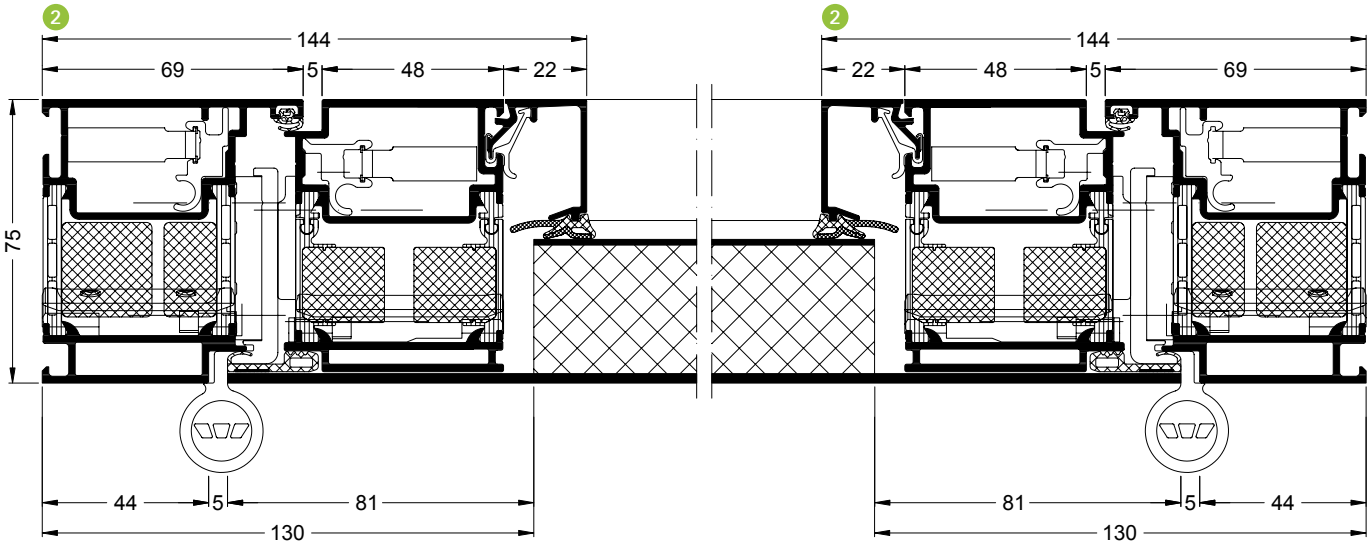
Tür, flächenbündig mit flügelüberdeckender Füllung, nach außen öffnend
Door, flush-fitted with leaf-enclosing infill, outward-opening

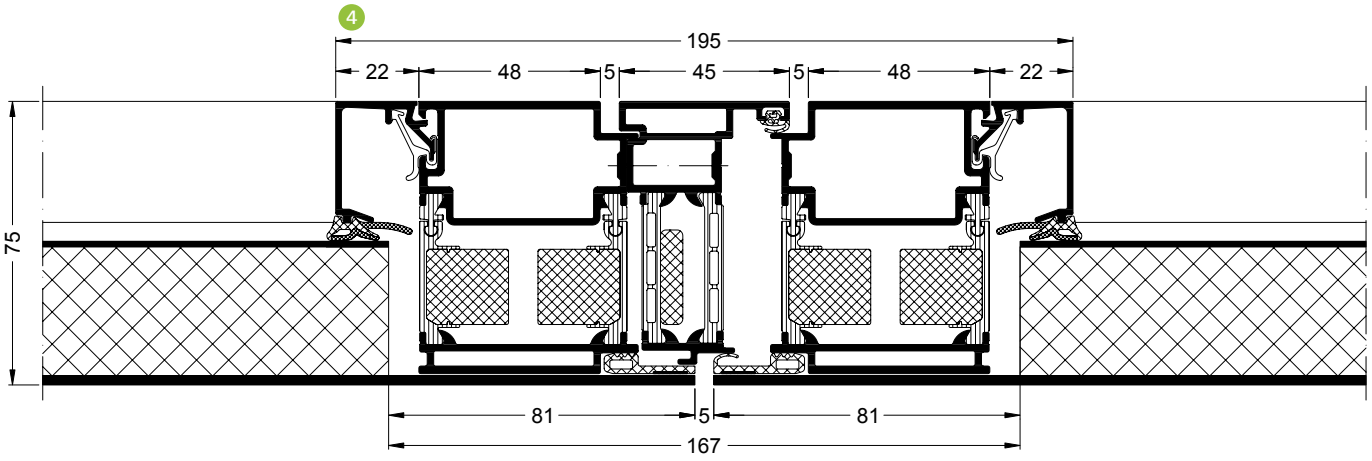


Maßstab 1:2
Scale 1:2

Tür, flächenbündig mit flügelüberdeckender Füllung, nach außen öffnend
Door, flush-fitted with leaf-enclosing infill, outward-opening



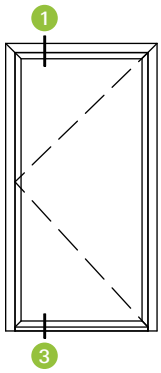


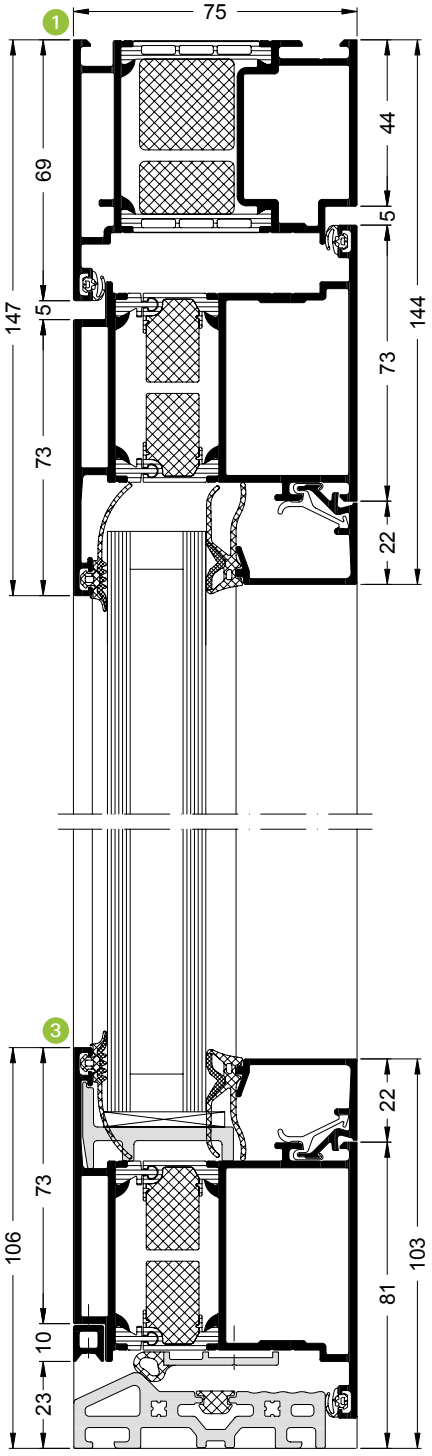


Maßstab 1:2
Scale 1:2

Profilschnitte Schüco Tür ADS 75 HD.HI
Profile section details for Schüco Door ADS 75 HD.HI

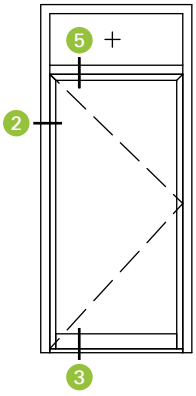
Tür, flächenbündig, 1-flügelig, nach innen öffnend
Door, flush-fitted, single-leaf, inward-opening

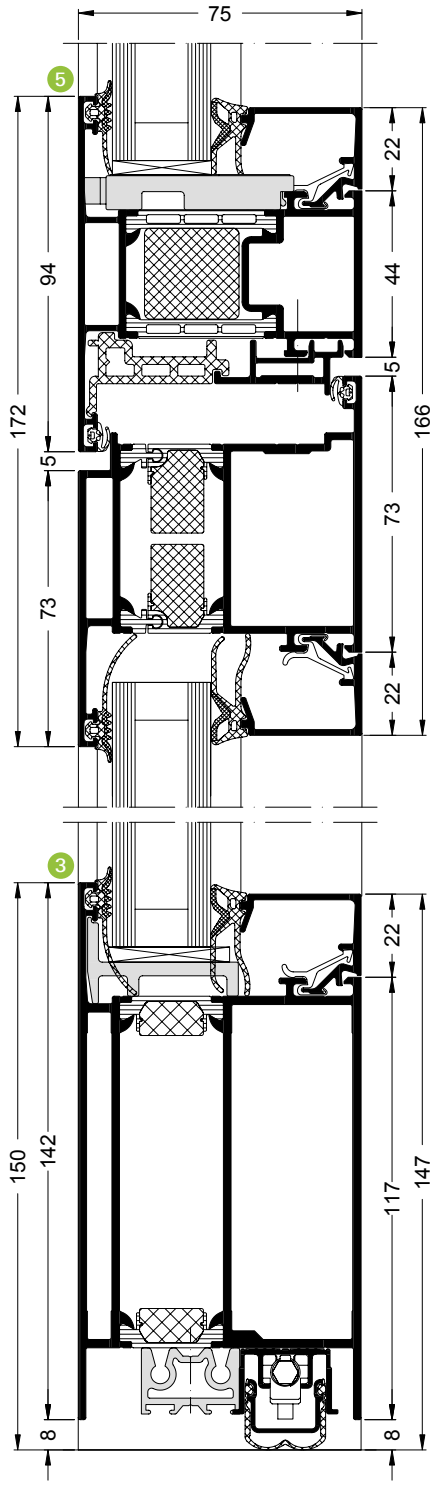


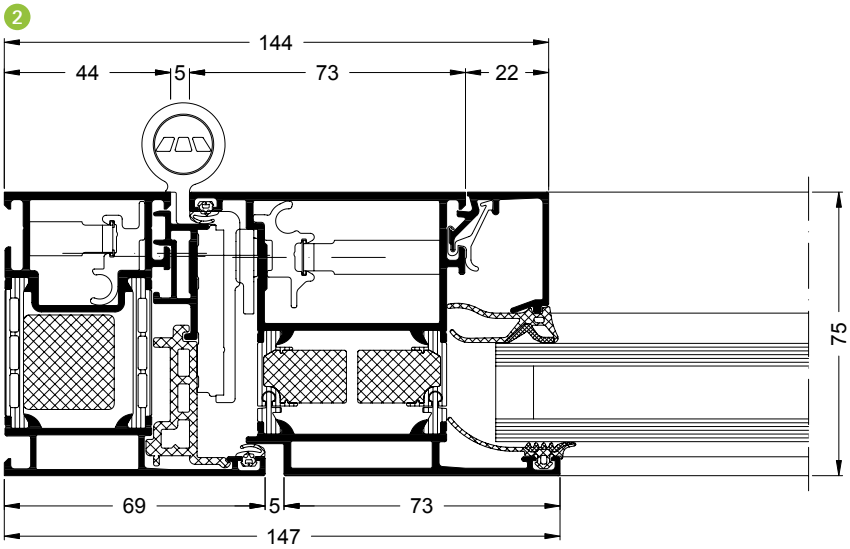


Maßstab 1:2
Scale 1:2

Tür mit oberem Festfeld, flächenbündig, 1-flügelig, nach innen öffnend
Door with fixed light at top, flush-fitted, single-leaf, inward-opening

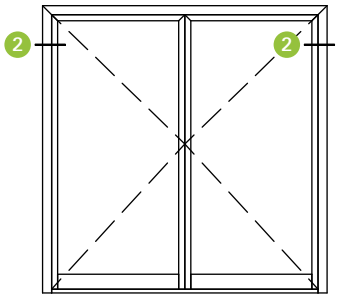


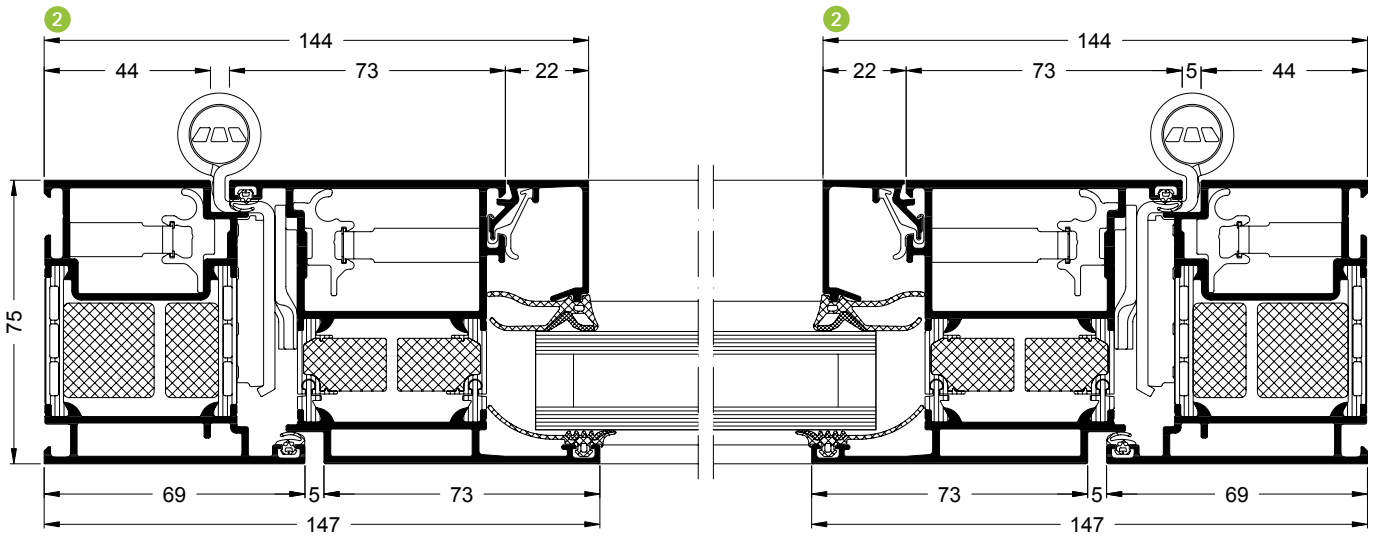




Maßstab 1:2
Scale 1:2

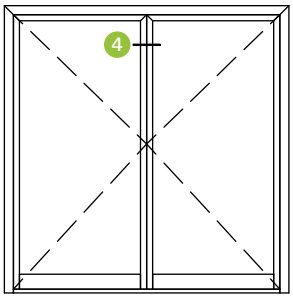
Tür, flächenbündig, 2-flügelig, nach innen öffnend
Door, flush-fitted, double-leaf, inward-opening

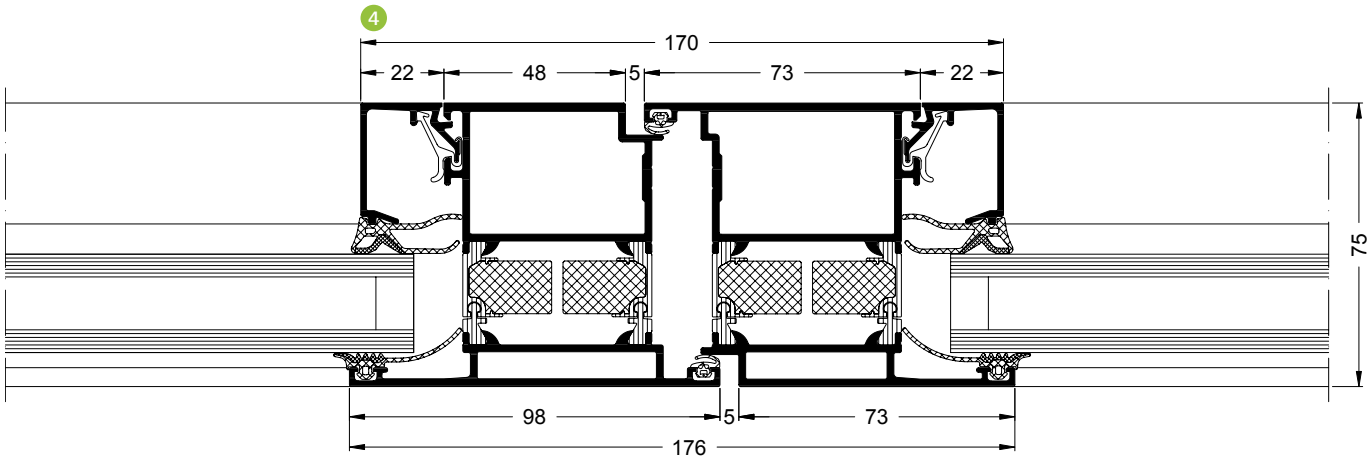




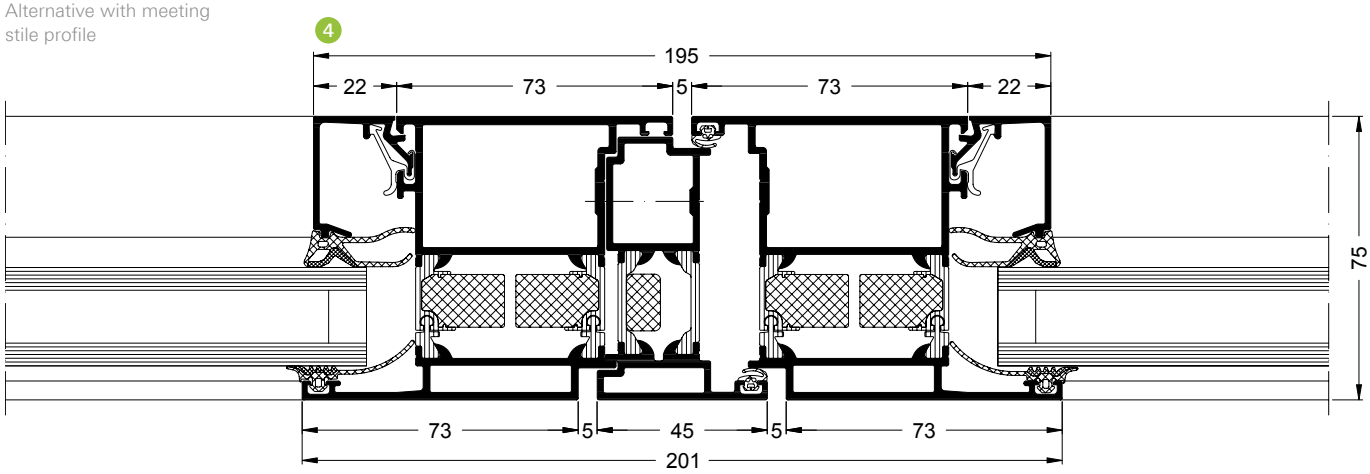
Maßstab 1:2
Scale 1:2

Tür, flächenbündig, 2-flügelig, nach innen öffnend
Door, flush-fitted, double-leaf, inward-opening



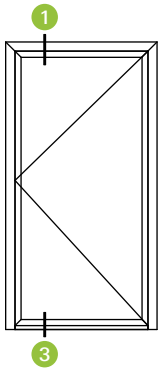


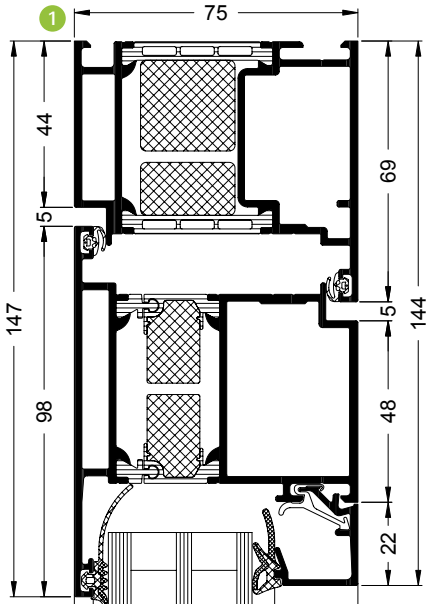
Alternativ mit Stulpprofil
Alternative with meeting stile profile

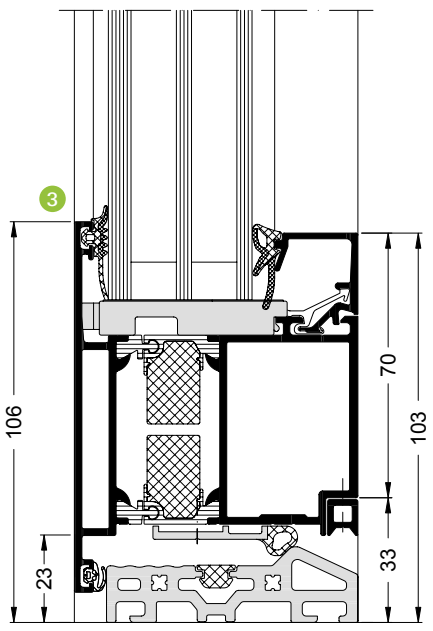


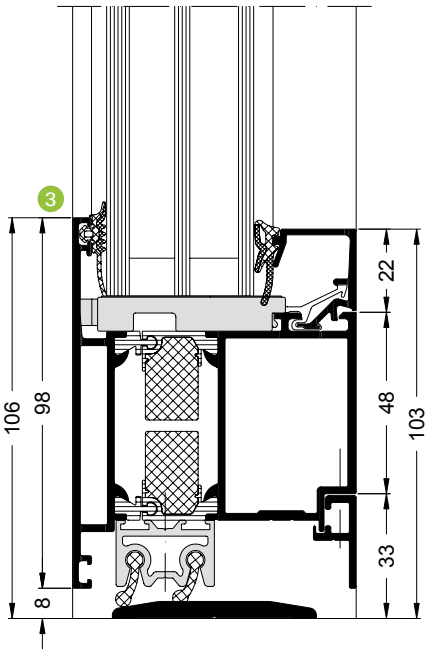
Maßstab 1:2
Scale 1:2

Tür, flächenbündig, 1-flügelig, nach außen öffnend
Door, flush-fitted, single-leaf, outward-opening



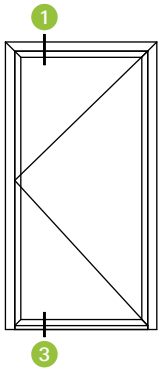


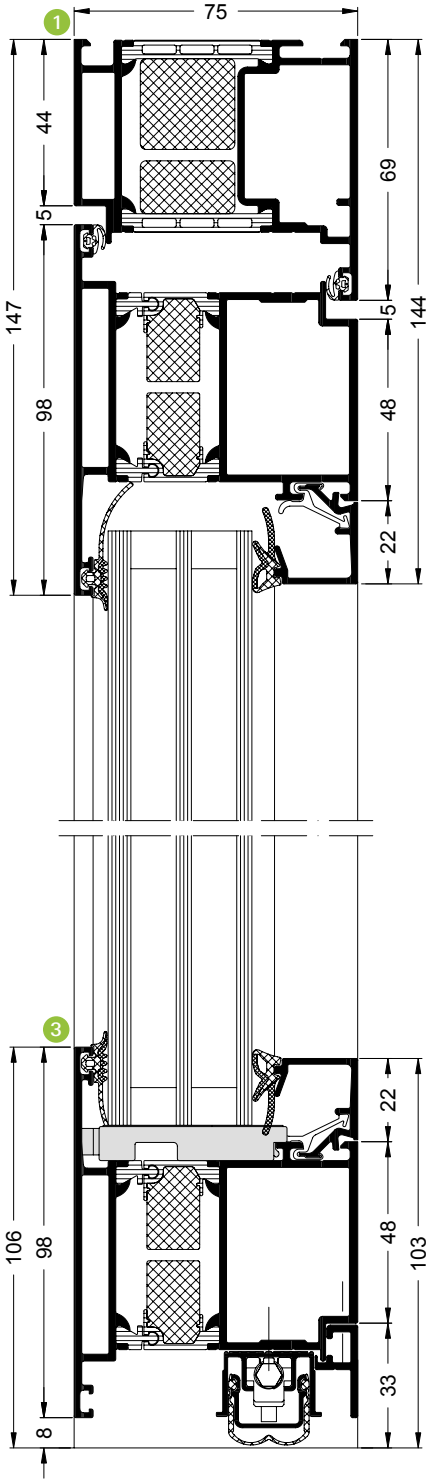




Maßstab 1:2
Scale 1:2

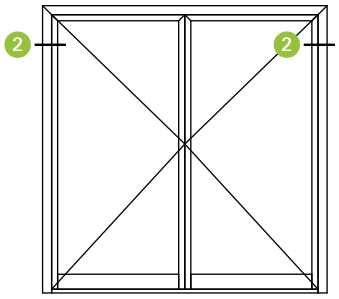
Tür, flächenbündig, 1-flügelig, nach außen öffnend
Door, flush-fitted, single-leaf, outward-opening

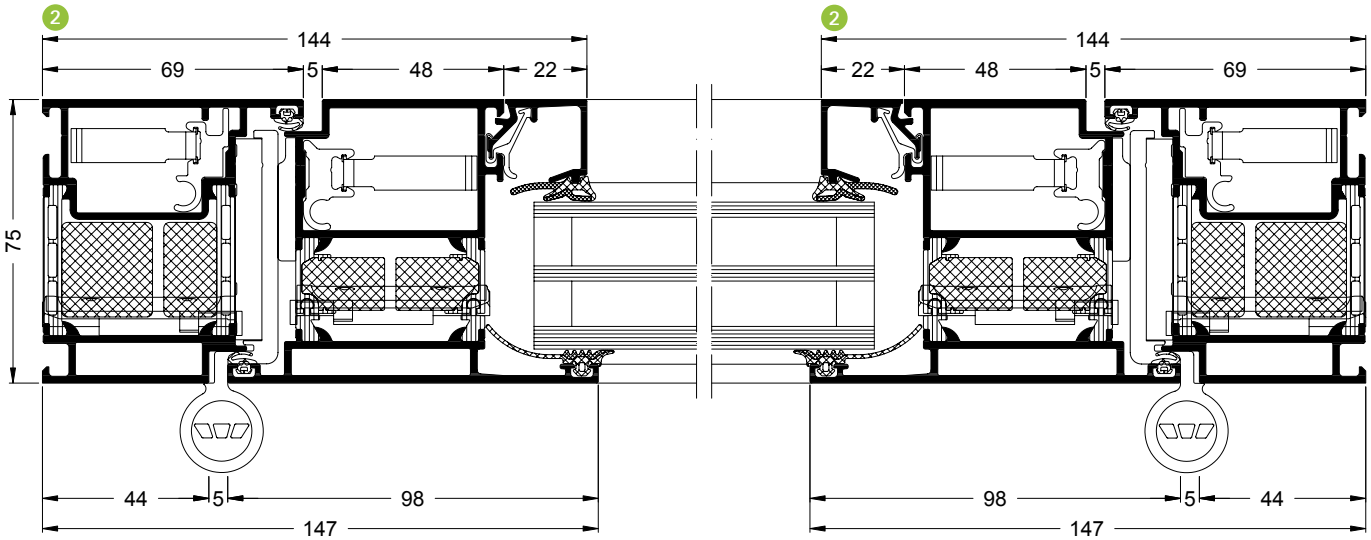




Maßstab 1:2
Scale 1:2

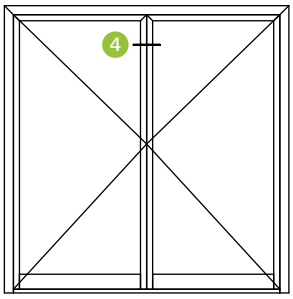
Tür (Standardtür), flächenbündig, 2-flügelig, nach außen öffnend
Door (standard door), flush-fitted, double-leaf, outward-opening

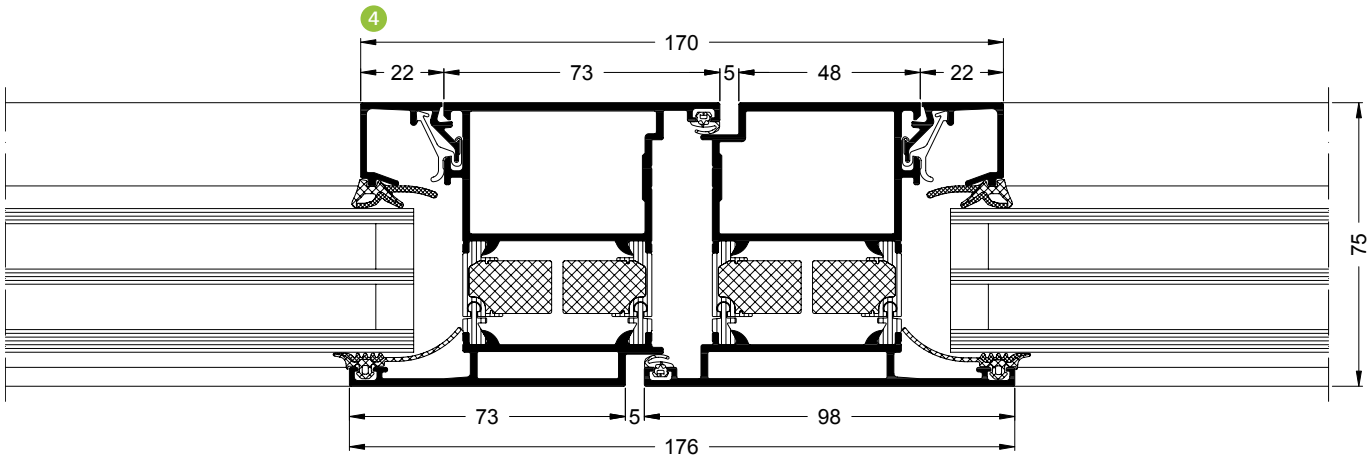




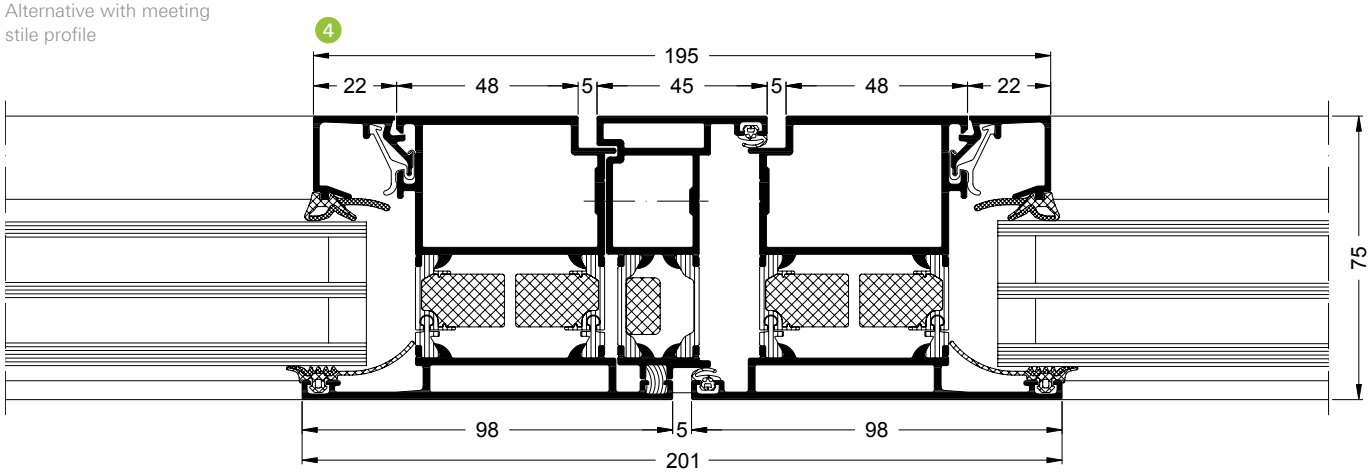
Maßstab 1:2
Scale 1:2

Tür (Standardtür), flächenbündig, 2-flügelig, nach außen öffnend
Door (standard door), flush-fitted, double-leaf, outward-opening



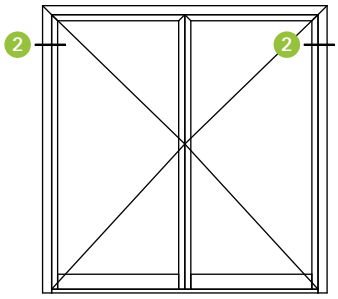


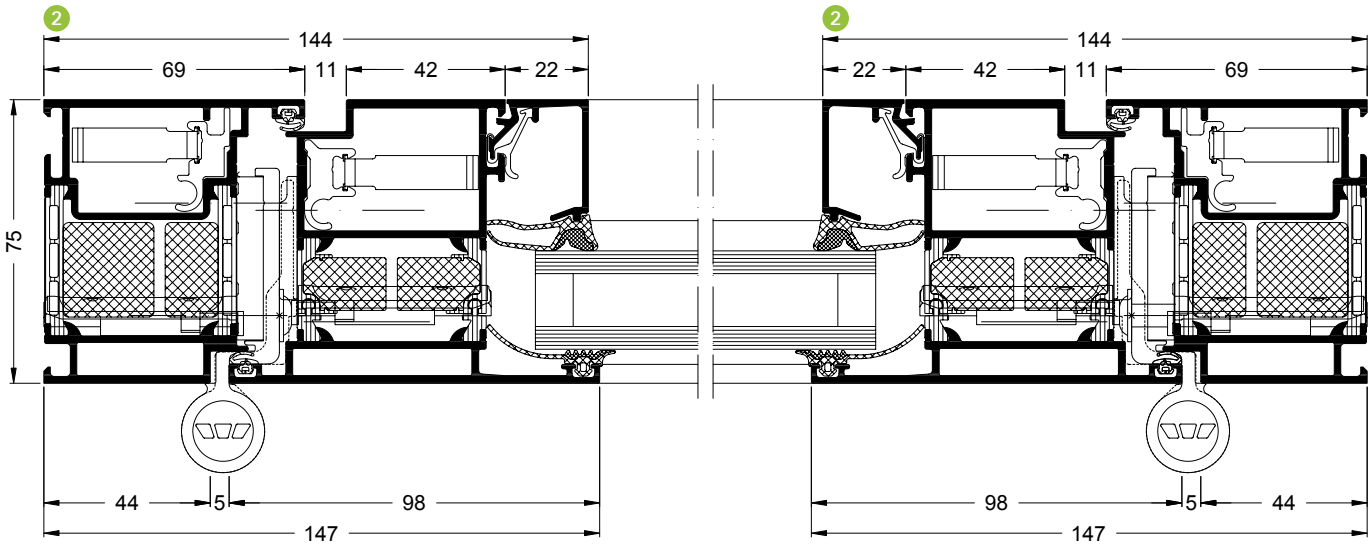
Alternativ mit Stulpprofil
Alternative with meeting stile profile



Maßstab 1:2
Scale 1:2

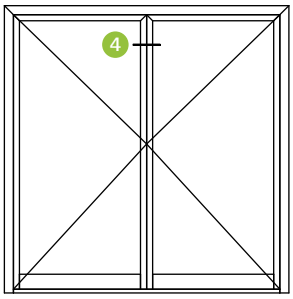
Tür (Fluchttür), flächenbündig, 2-flügelig, nach außen öffnend
Door (emergency exit), flush-fitted, double-leaf, outward-opening

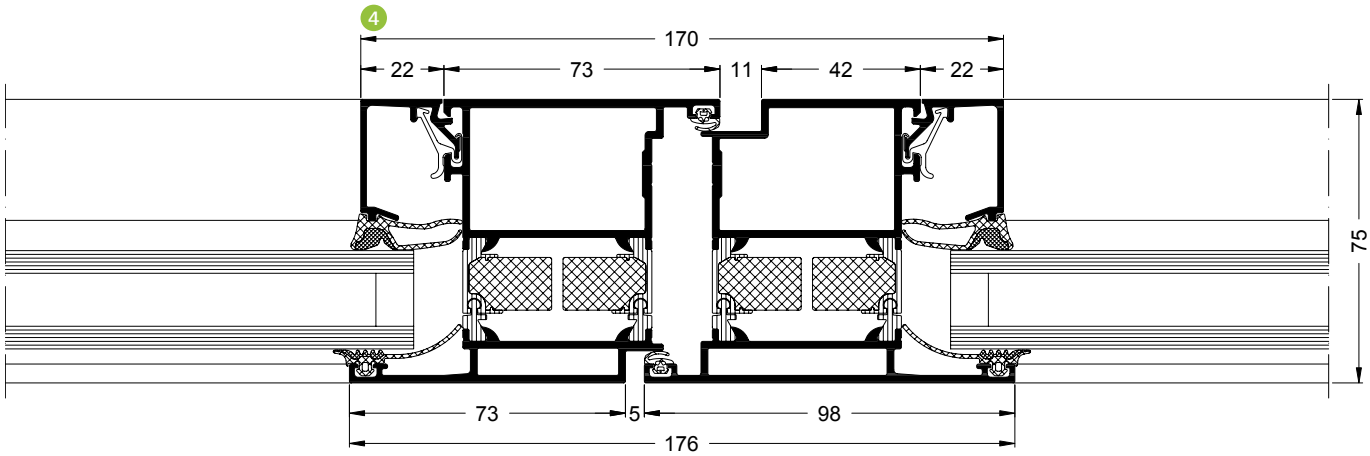




Maßstab 1:2
Scale 1:2

Tür (Fluchttür), flächenbündig, 2-flügelig, nach außen öffnend
Door (emergency exit), flush-fitted, double-leaf, outward-opening



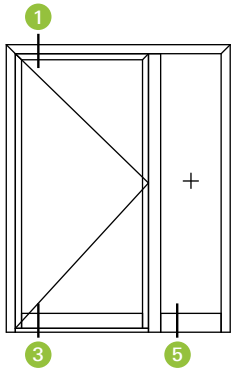


Maßstab 1:2
Scale 1:2

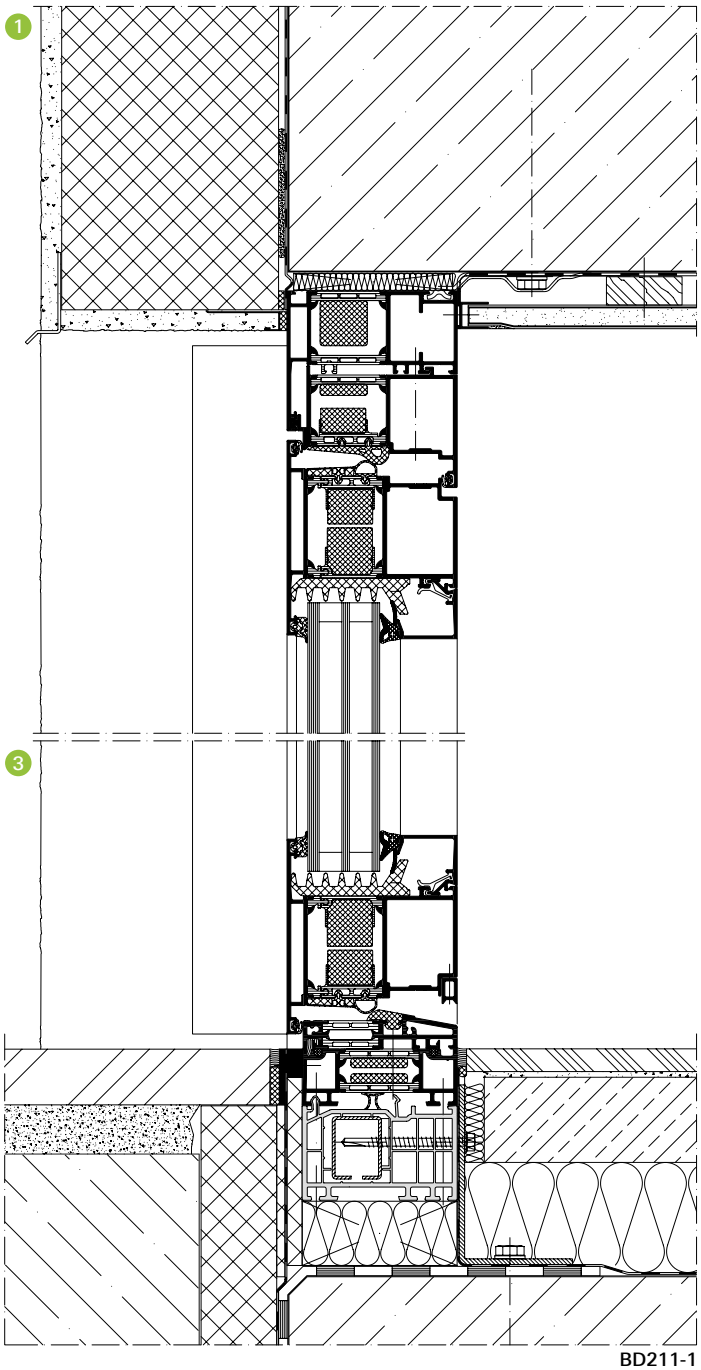
Baukörperanschlüsse
Attachments to building structure

Schüco Tür ADS 90.SI, Baukörperanschluss mit flächenbündigen, nach außen öffnenden Türflügel und Festfeld

Schüco Door ADS 90.SI, attachment to building structure with flush-fitted, outward-opening door leaf and fixed light



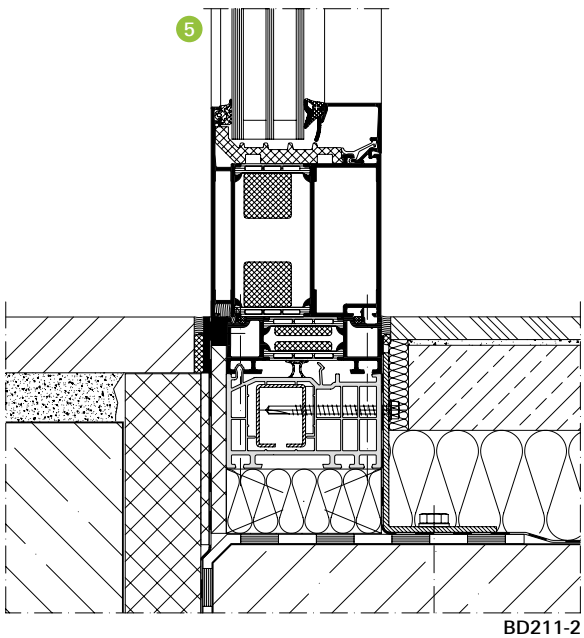
TD111-1



BD211-1

Alle in dieser Dokumentation gezeigten Baukörperanschlüsse haben eine Kennung. Die entsprechenden Zeichnungen, zusammen mit den Ausschreibungstexten, finden Sie zum Download im Service-Bereich unserer Homepage unter www.schueco.de/ba

All of the attachments to building structures shown in this document have a code identifier. The corresponding drawings, together with the specifications, are available to download from the Service area of our homepage at www.schueco.de/ab

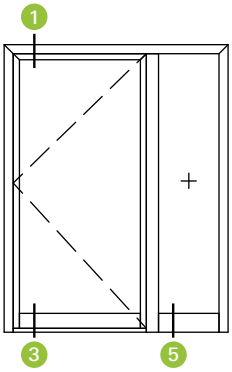


BD211-2

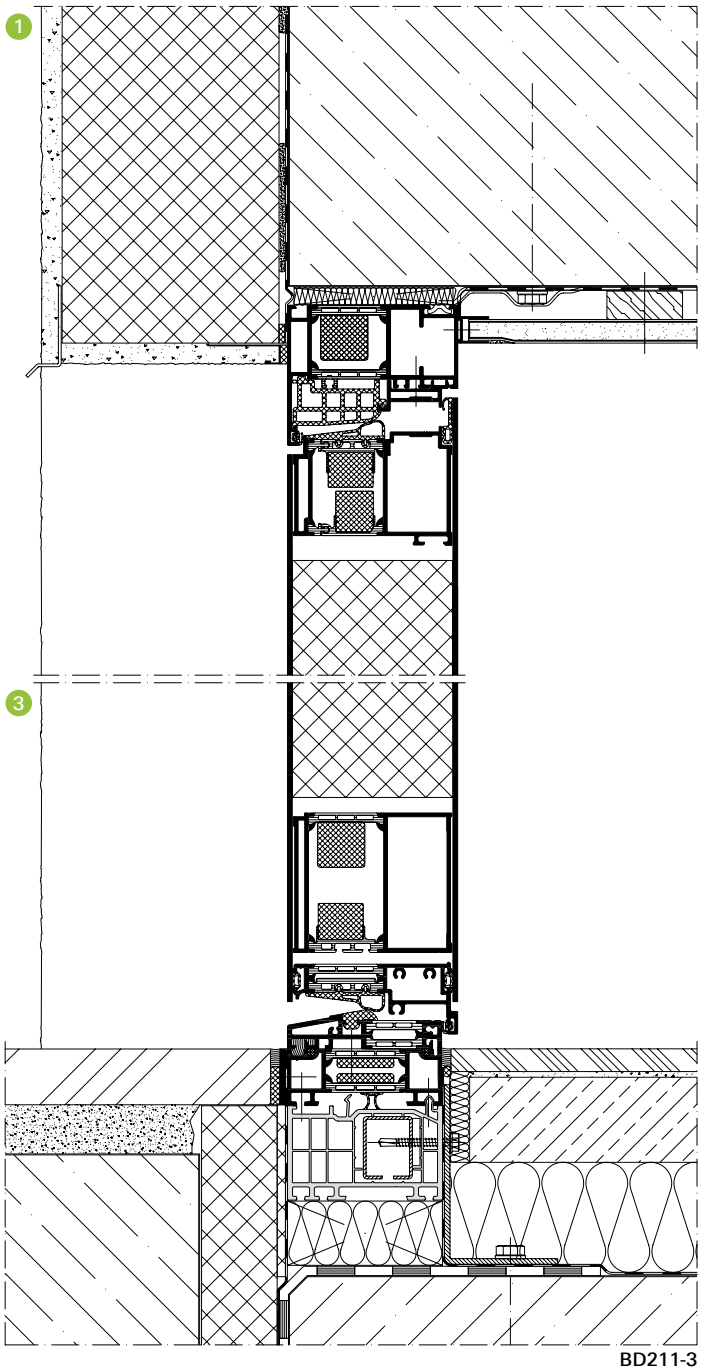
Maßstab 1:4
Scale 1:4

Schüco Tür ADS 90.SI, Baukörperanschluss mit nach innen öffnenden Türflügel und flügelüberdeckender Türfüllung und Festfeld

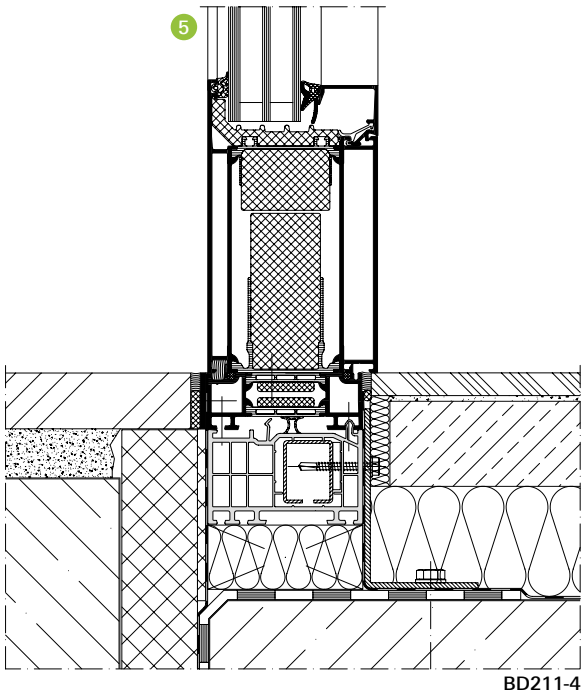
Schüco Door ADS 90.SI, attachment to building structure with inward-opening door leaf and leaf-enclosing door infill and fixed light



TD111-2



BD211-3

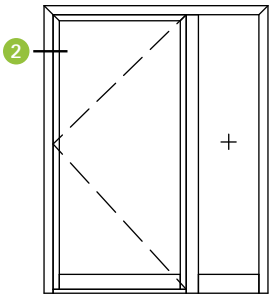


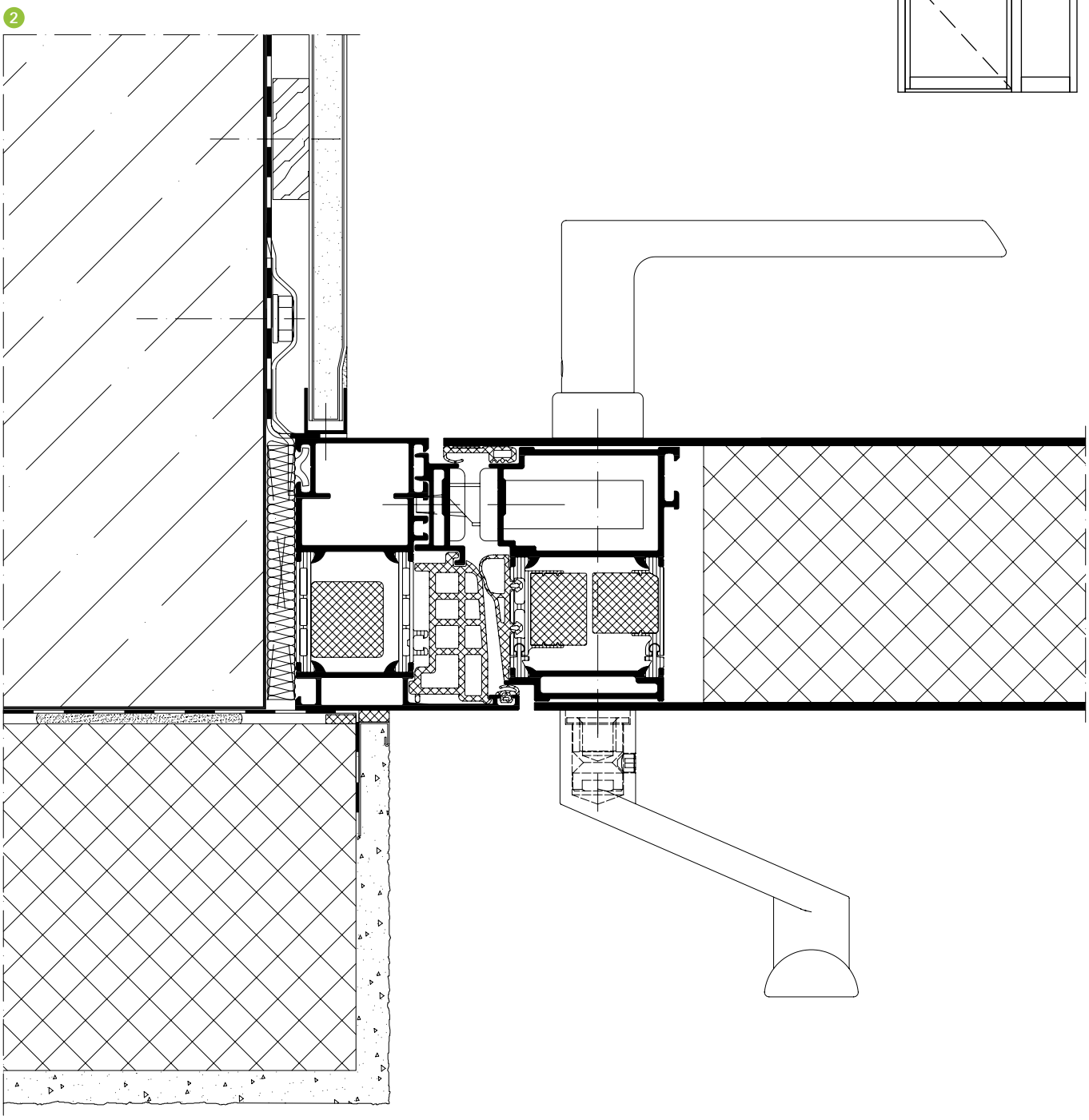
BD211-4

Maßstab 1:4
Scale 1:4

Schüco Tür ADS 90.SI, Baukörperanschluss mit nach innen öffnenden Türflügel und flügelüberdeckender Türfüllung und Festfeld

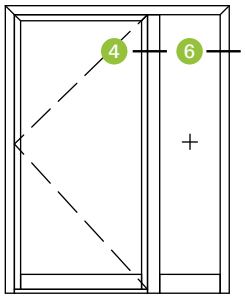
Schüco Door ADS 90.SI, attachment to building structure with inward-opening door leaf and leaf-enclosing door infill and fixed light

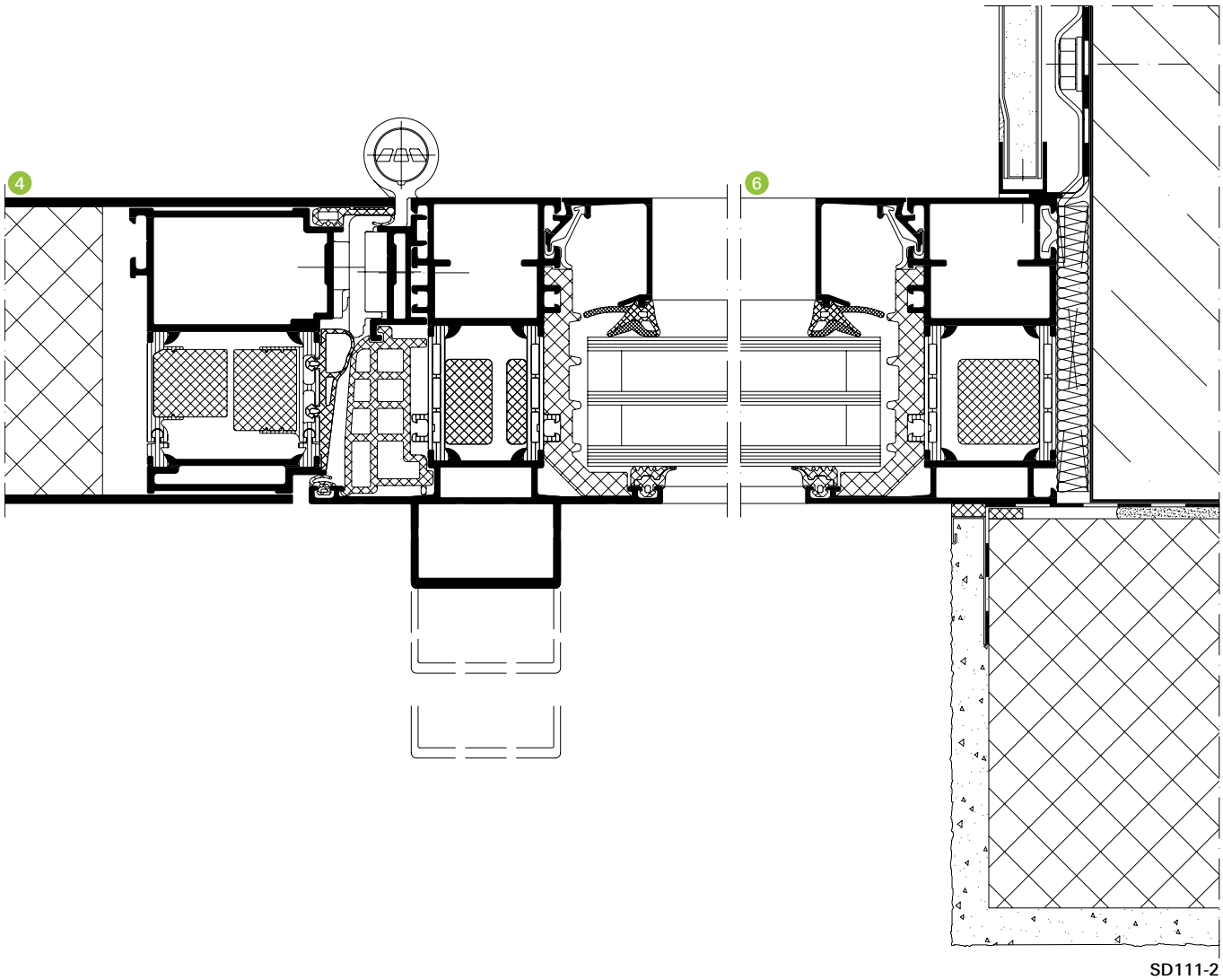




SD111-1

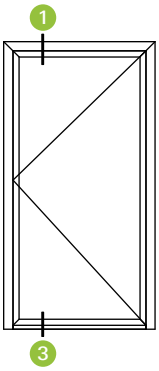
Maßstab 1:2
Scale 1:2





SD111-2

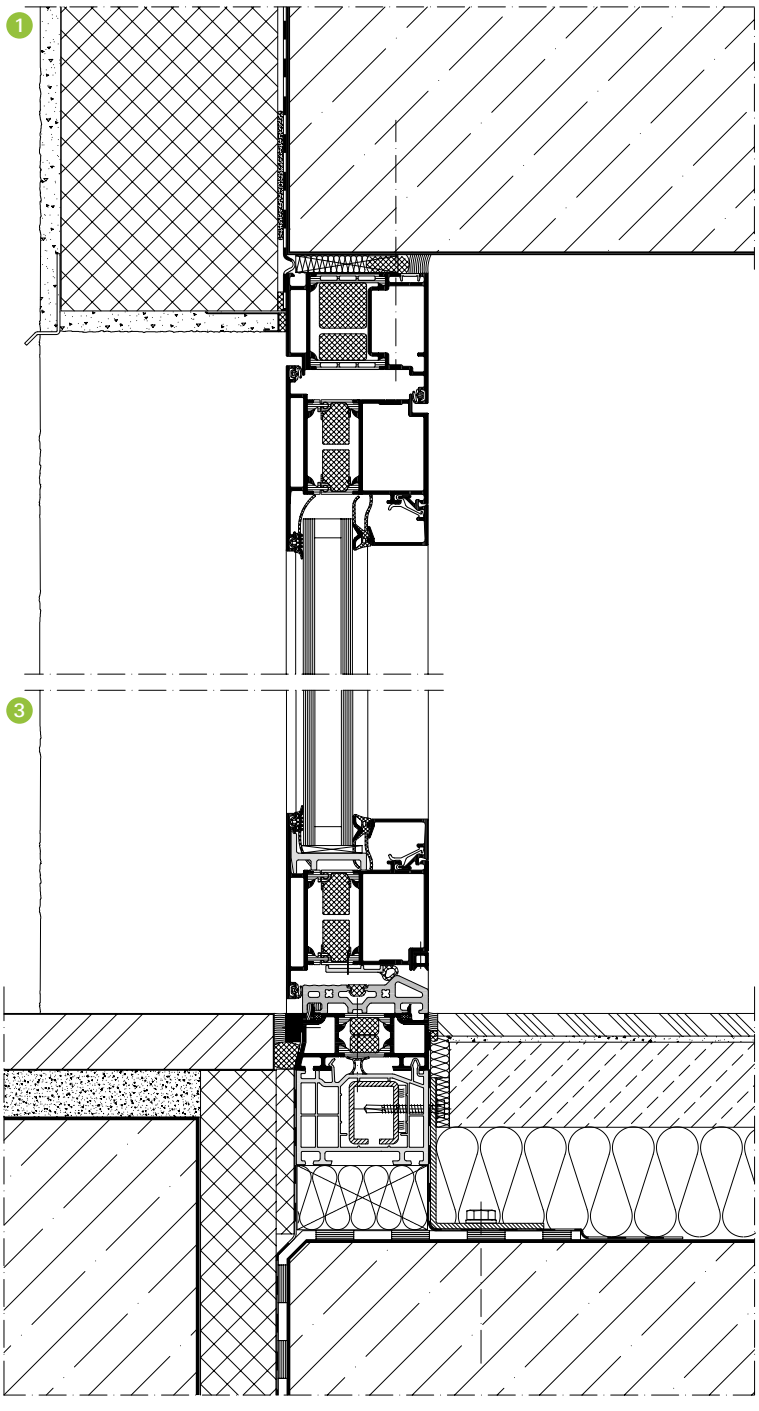
Maßstab 1:2
Scale 1:2



Schüco Tür ADS 75 HD.HI, Baukörperanschluss mit nach außen öffnenden Türflügel

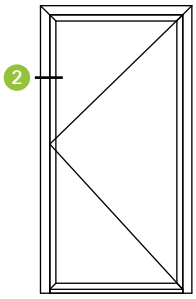
Schüco Door ADS 75 HD.HI, attachment to building structure with outward-opening door leaf

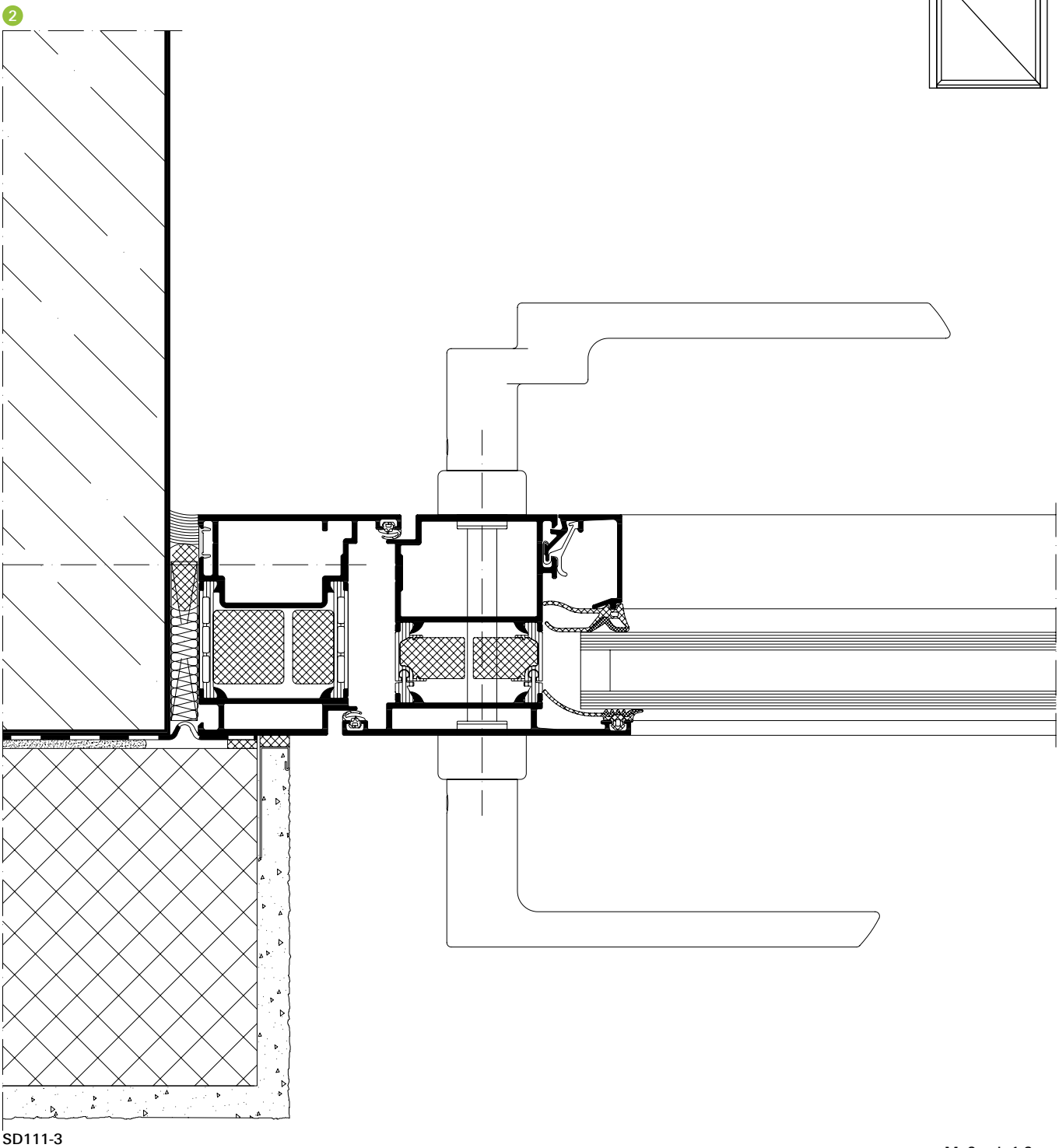
TD111-3



BD211-5

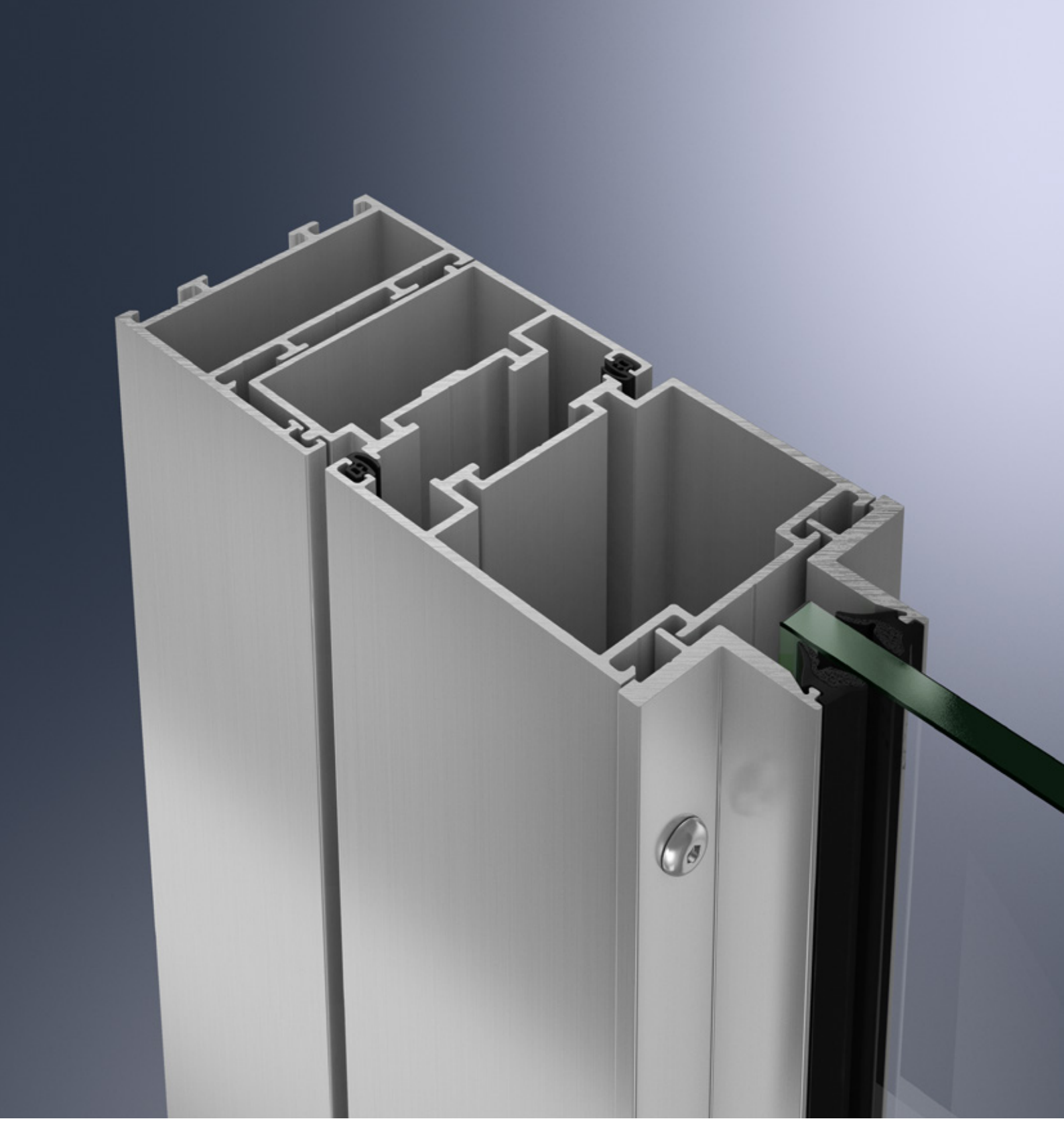
Maßstab 1:4
Scale 1:4





SD111-3

Maßstab 1:2
Scale 1:2



Ungedämmte Systeme
Non-insulated systems

176 Standardsysteme
Standard systems

Türsysteme
Door Systems

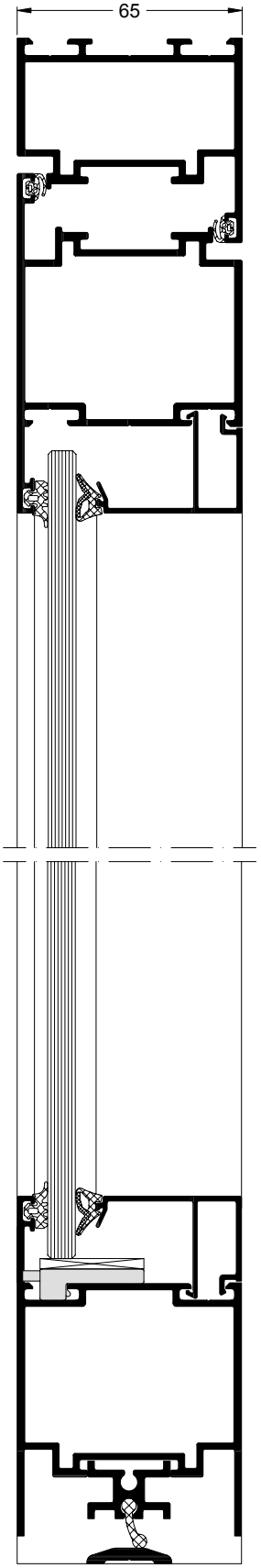
236 Ungedämmte Systeme
Non-insulated systems

238 Systemeigenschaften Schüco Tür ADS 65.NI
Schüco Door ADS 65.NI system features

239 Systemeigenschaften Schüco Tür ADS 50.NI
Schüco Door ADS 50.NI system features

240 Profilschnitte Schüco Tür ADS 65.NI
Profile section details for Schüco Door ADS 65.NI

Systemeigenschaften Schüco Tür ADS 65.NI
Schüco Door ADS 65.NI system features



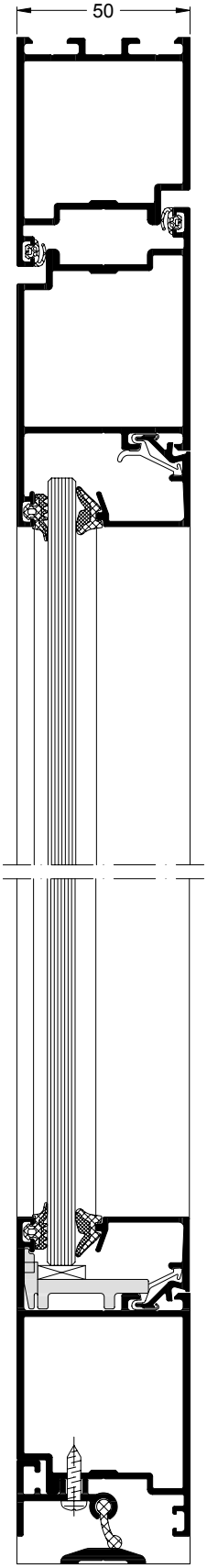
Schüco ADS 65.NI (Non Insulation) ist ein ungedämmtes Türsystem speziell für den Innenausbau. Es fügt sich mit identischen Ansichtsbreiten in das sonstige Türenprogramm vollständig ein und verfügt über die aus den Brand- und Rauchschutzsystemen Schüco ADS 65.NI SP bekannte Multifunktionsnut. Diese ermöglicht eine schnelle und komfortable klemmbare Befestigung der Beschläge mit Drehnutensteinen.

Schüco ADS 65.NI (Non Insulation) is a non-insulated door system specifically for interior use. With identical face widths, the system blends in seamlessly with the other door ranges and has the well-known multi-purpose groove from the Schüco ADS 65.NI SP fire and smoke protection systems. This allows the push-in fittings to be fixed quickly and easily using locking cams.

Eigenschaften und Vorteile	Features and benefits
Optik ▪ Stabiles Einkammer Hohlprofil mit einer Grundbautiefe von 65 mm ▪ Bis 3.000 mm Flügelhöhe ▪ Ausführbar auch mit mittiger Verglasung und Winkelglasleiste	**Appearance** ▪ Robust, single-chamber hollow profile with a basic depth of 65 mm ▪ Up to 3,000 mm leaf height ▪ Also available with centre glazing and angled glazing bead
Funktionalität ▪ Multifunktionsnut zur schnellen, klemmbaren Befestigung der Beschläge mit Drehnutensteinen ▪ Als Pendeltür oder Ganzglastür ausführbar ▪ Einbruchhemmung bis RC 2 (WK2) nach DIN EN 1627 (DIN V ENV 1627)	**Functions** ▪ Multi-purpose groove for rapid, push-in fixing of fittings using locking cams ▪ Available as a swing door or all-glass door ▪ Burglar resistance up to RC 2 (WK2) in accordance with DIN EN 1627 (DIN V ENV 1627)

Maßstab 1:2
Scale 1:2

Systemeigenschaften Schüco Tür ADS 50.NI
Schüco Door ADS 50.NI system features



Maßstab 1:2
Scale 1:2

Speziell für den Innenausbau wurde das ungedämmte System Schüco ADS 50.NI (Non Insulation) konzipiert. Die stabile Bauweise lässt trotz schmaler Ansichtsbreiten und einer sehr geringen Grundbautiefe von 50 mm selbst raumhohe Elemente zu. Selbstverständlich ist auch bei diesem System die volle Kompatibiltät zu den ungedämmten Schüco AWS Fensterserien gewährleistet.

The non-insulated Schüco ADS 50.NI (Non Insulation) system was designed especially for interiors. Despite narrow face widths and a very small basic depth of 50 mm, the stable type of construction even allows room-height units to be built. This system is also fully compatible with the non-insulated Schüco AWS window series.

Eigenschaften und Vorteile

Optik
- Grundbautiefe 50 mm
- Ungedämmte Türserie für den Innenausbau mit schmalen Profilansichten ab 36 mm
- Flächenbündige Glasleiste
- Transparente Elemente durch geringen Rahmenanteil und große Glasflächen
- Geprüft bis zu einer lichten Tür-Durchgangshöhe von 3.000 mm

Funktionalität
- Komplettes, nach DIN 18095 geprüftes Türprogramm, einschließlich der Systembeschläge bis 130 kg
- Glatte Einkammerprofile mit stabiler und leichter Verbindung
- Einbruchhemmung bis RC 2 (WK2) nach DIN EN 1627 (DIN V ENV 1627)
- Sehr flache Bodenschwelle

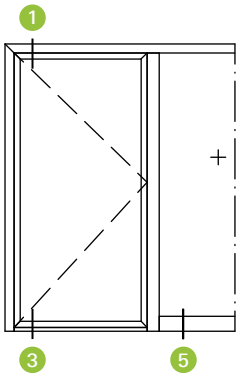
Features and benefits

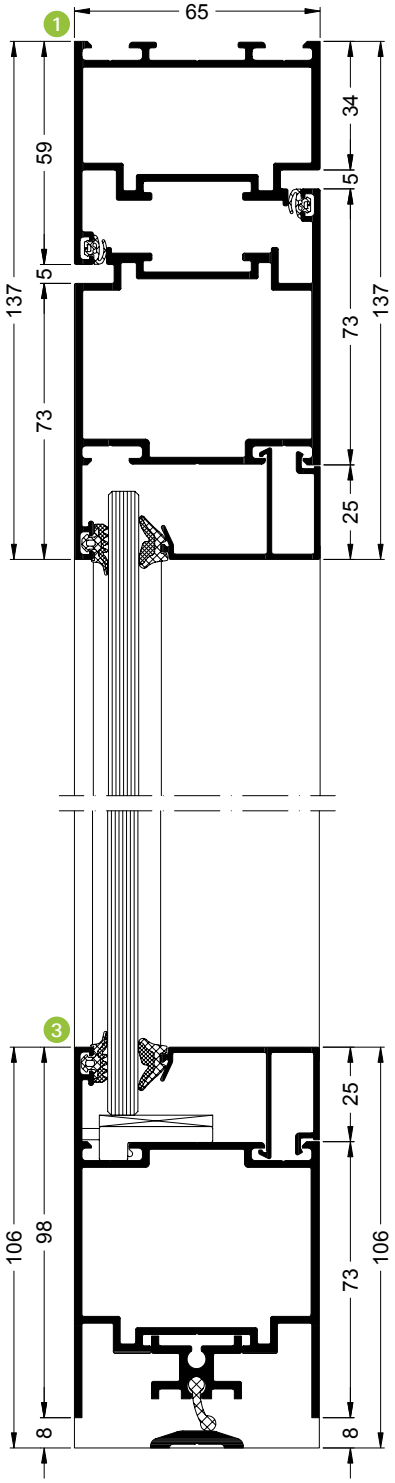
Appearance
- Basic depth 50 mm
- Non-insulated door series for interiors with narrow profile face widths from 36 mm
- Flush-fitted glazing bead
- The proportionally narrow frames to large areas of glass means the units appear more transparent
- Tested to a clear door opening height of 3,000 mm

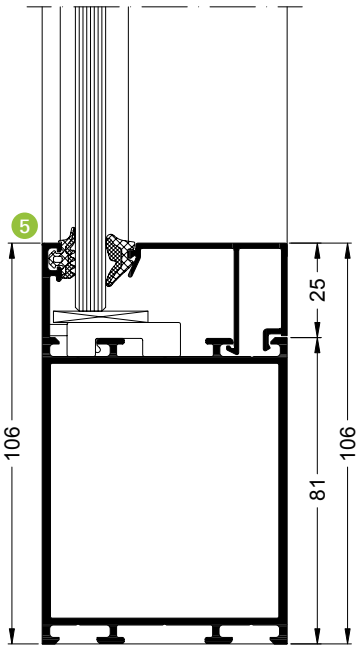
Functions
- Full range of doors tested to DIN 18095, including system fittings up to 130 kg
- Smooth single-chamber profiles for simple, robust connections
- Burglar resistance up to RC 2 (WK2) in accordance with DIN EN 1627 (DIN V ENV 1627)
- Ultra-flush threshold

Profilschnitte Schüco Tür ADS 65.NI
Profile section details for Schüco Door ADS 65.NI

Tür mit seitlichem Festfeld, flächenbündig, 1-flügelig, nach innen öffnend
Door with fixed light at side, flush-fitted, single-leaf, inward-opening

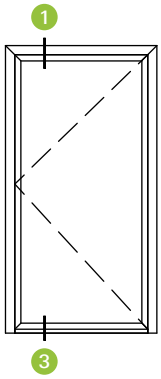


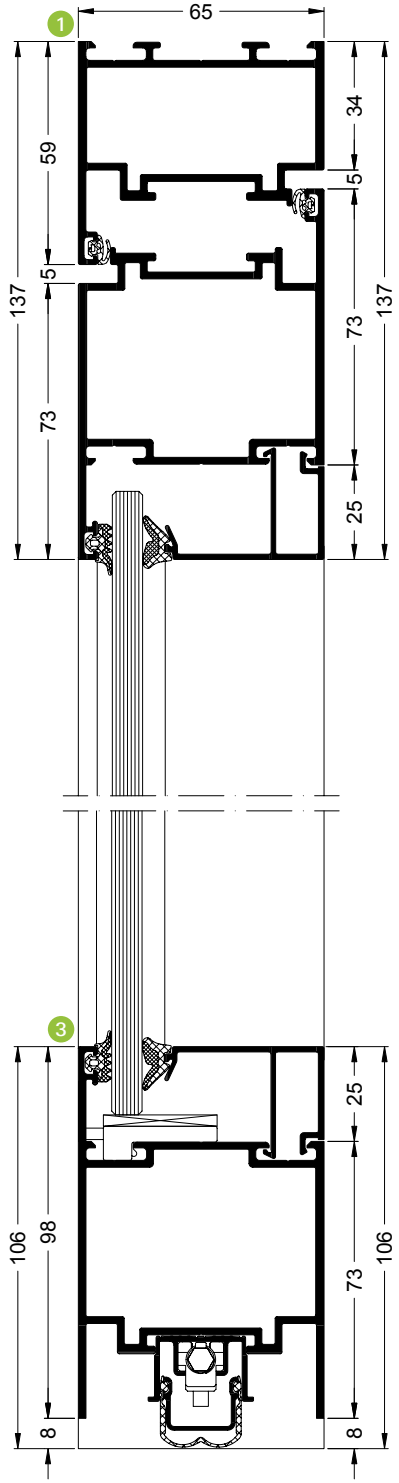




Maßstab 1:2
Scale 1:2

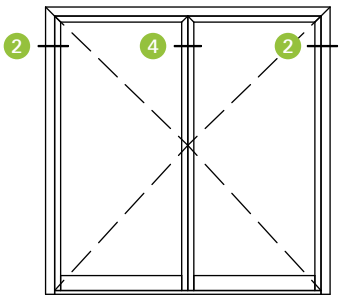
Tür, flächenbündig, 1-flügelig, nach innen öffnend
Door, flush-fitted, single-leaf, inward-opening

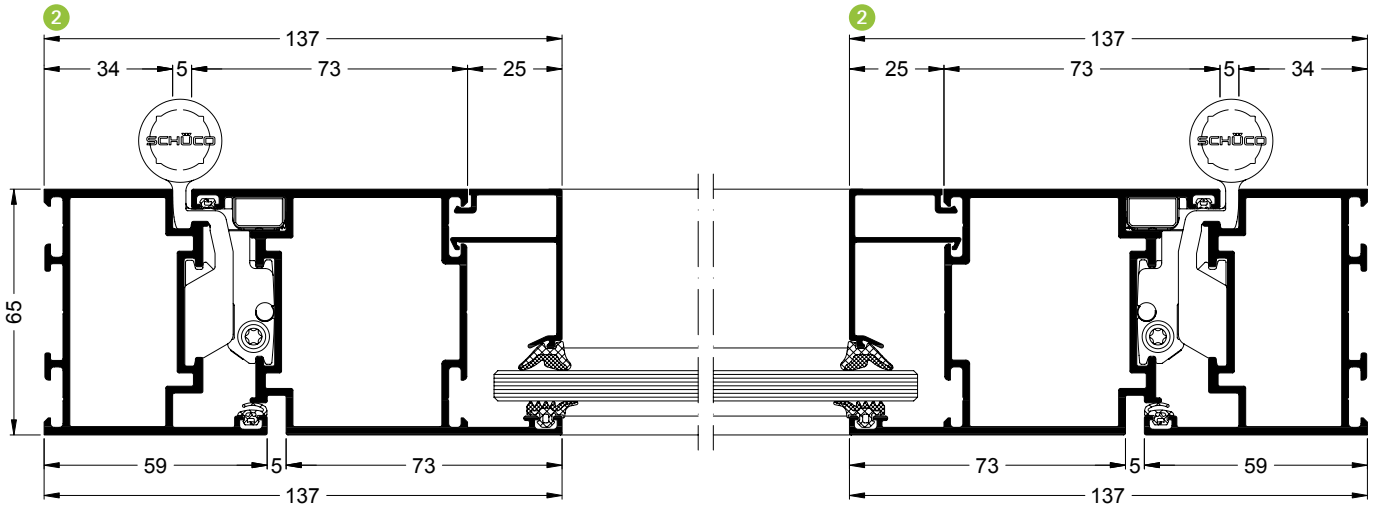


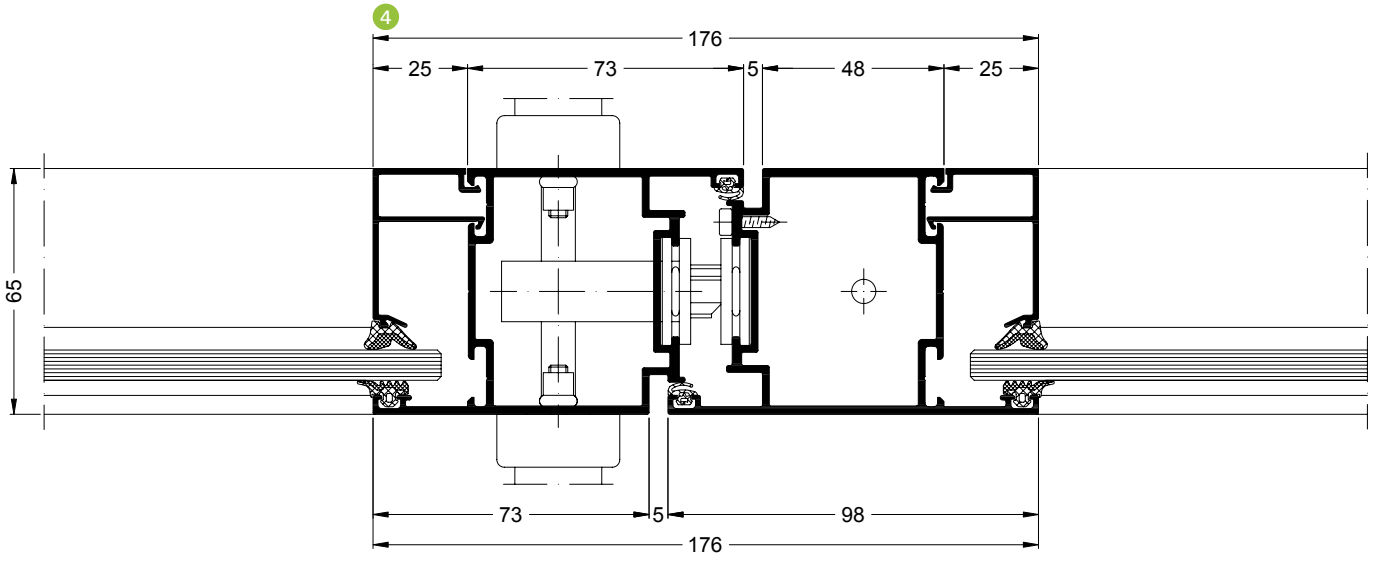


Maßstab 1:2
Scale 1:2

Tür, flächenbündig, 2-flügelig, nach innen öffnend
Door, flush-fitted, double-leaf, inward-opening

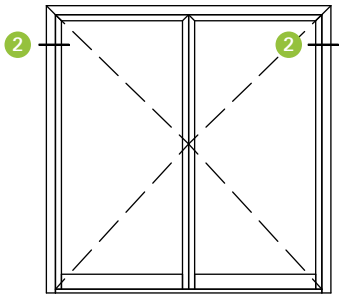




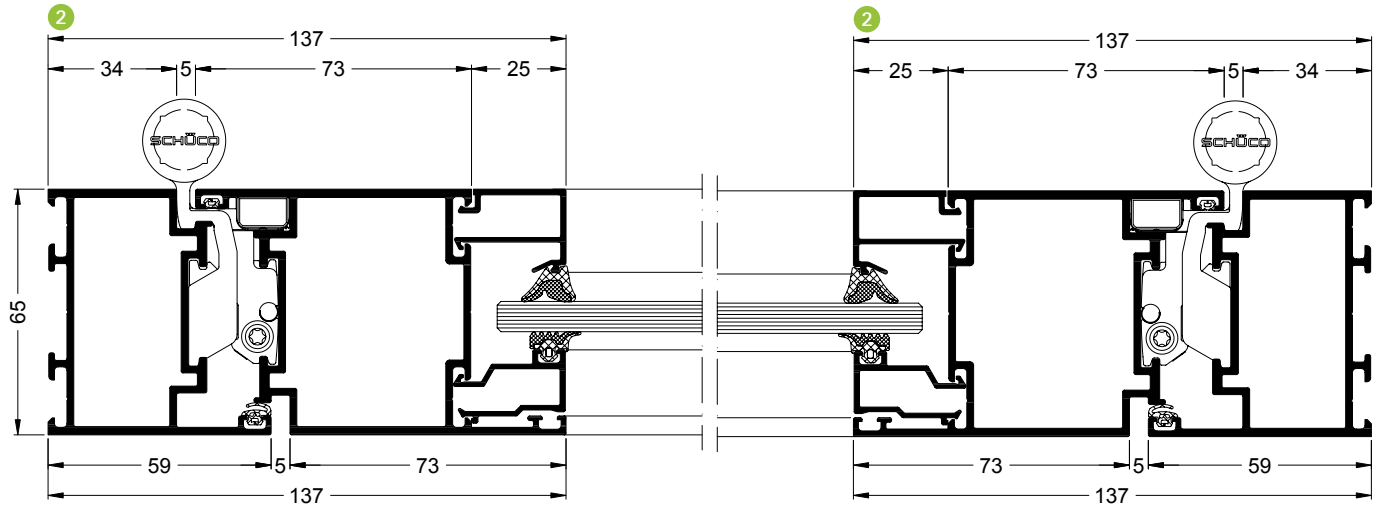


Maßstab 1:2
Scale 1:2

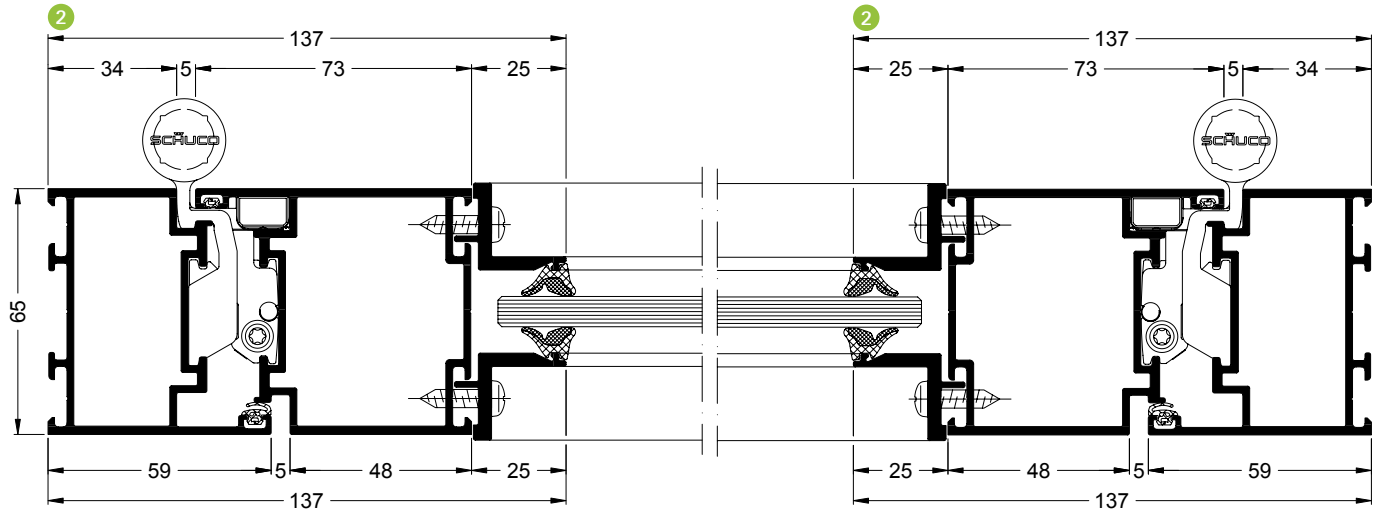
Tür, flächenbündig, 2-flügelig, nach innen öffnend
Door, flush-fitted, double-leaf, inward-opening



Alternativ mit mittiger Verglasung
Alternative with centre glazing

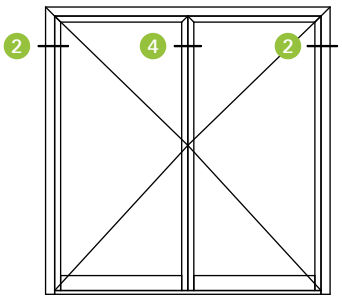


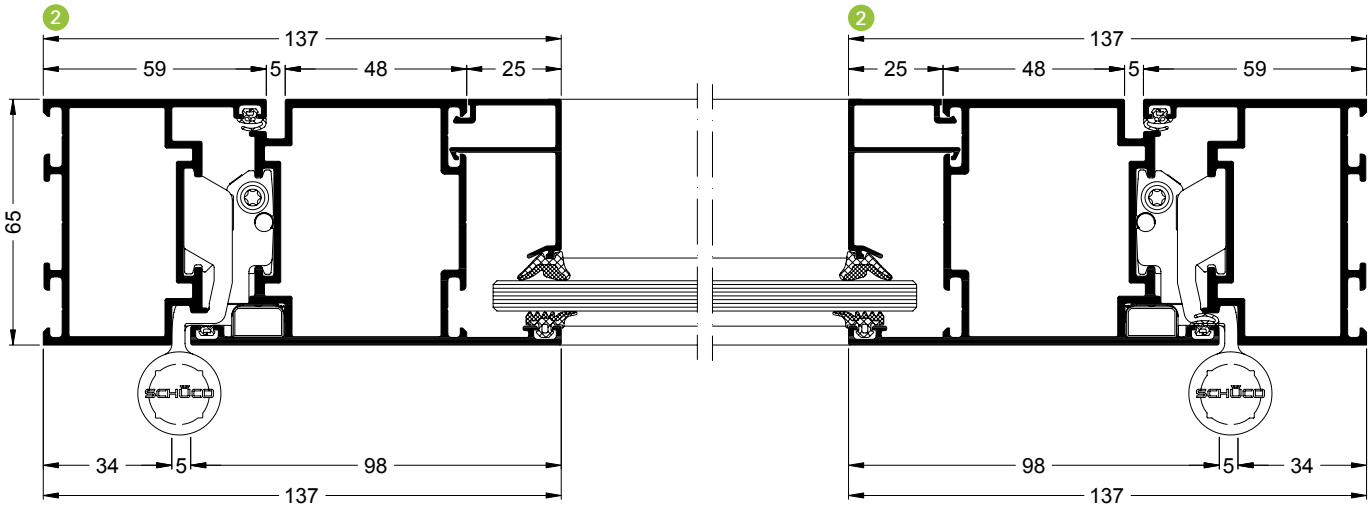
Alternativ mit Winkelglasleiste
Alternative with angled glazing bead

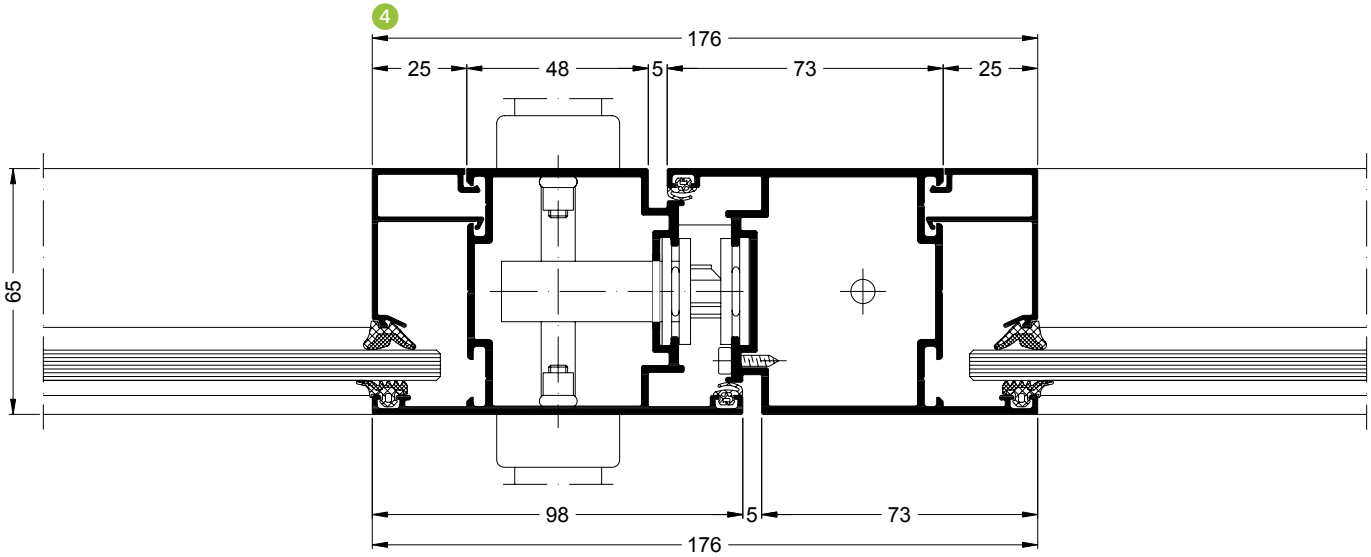


Maßstab 1:2
Scale 1:2

Tür, flächenbündig, 2-flügelig, nach außen öffnend
Door, flush-fitted, single-leaf, outward-opening

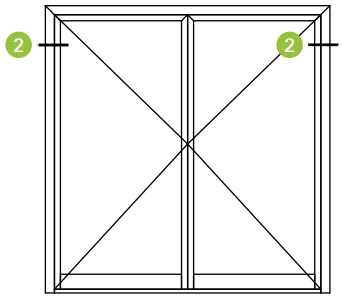




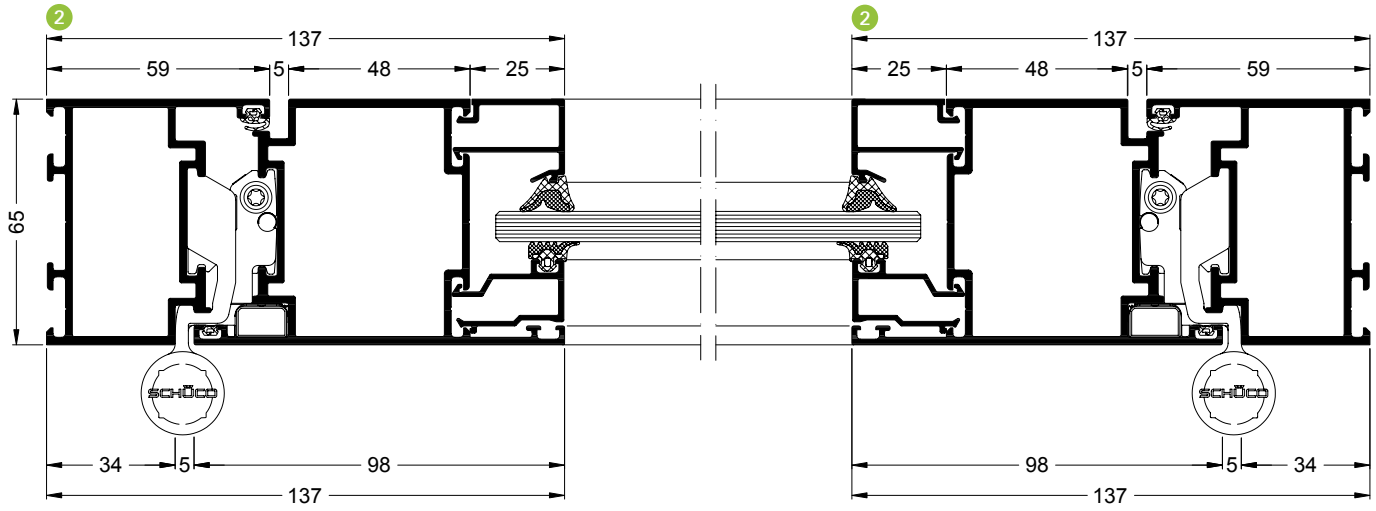


Maßstab 1:2
Scale 1:2

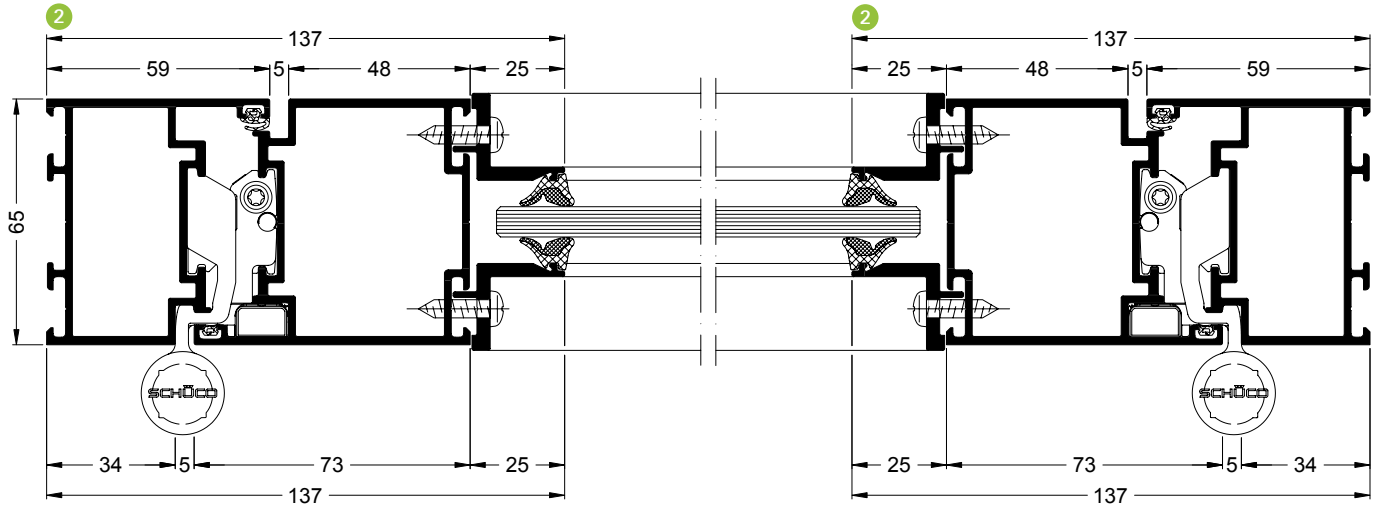
Tür, flächenbündig, 2-flügelig, nach außen öffnend
Door, flush-fitted, single-leaf, outward-opening



Alternativ mit mittiger Verglasung
Alternative with centre glazing

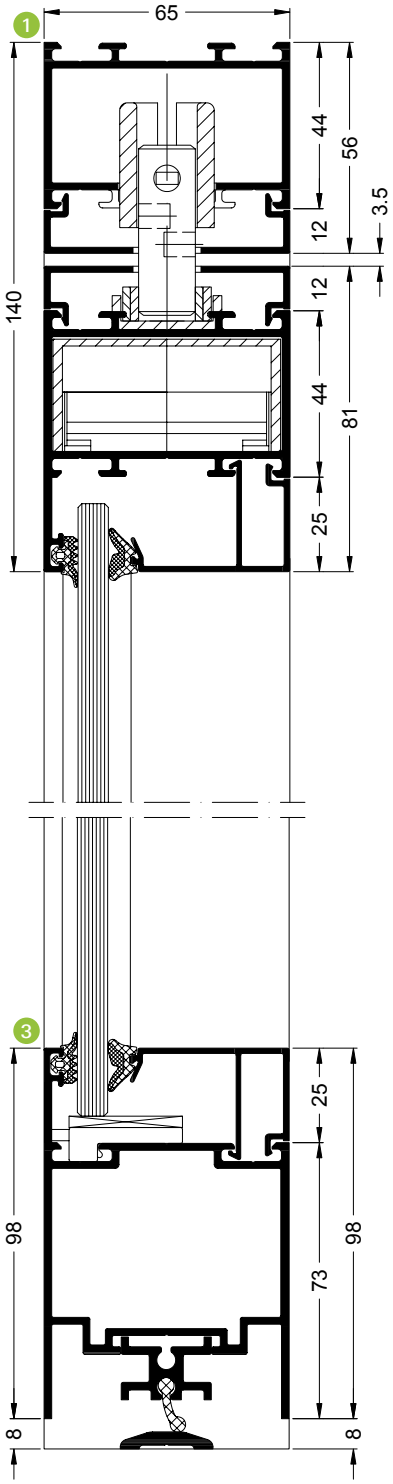


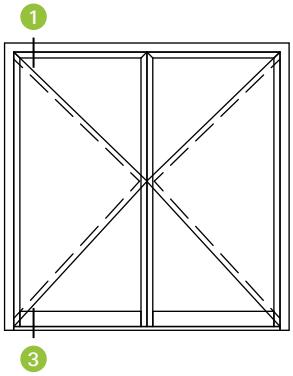
Alternativ mit Winkelglasleiste
Alternative with angled glazing bead



Maßstab 1:2
Scale 1:2

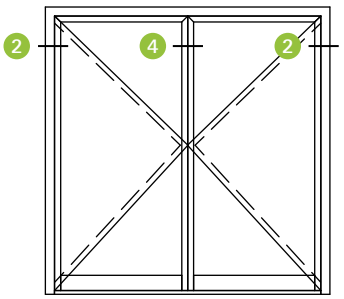
Pendeltür
Swing door

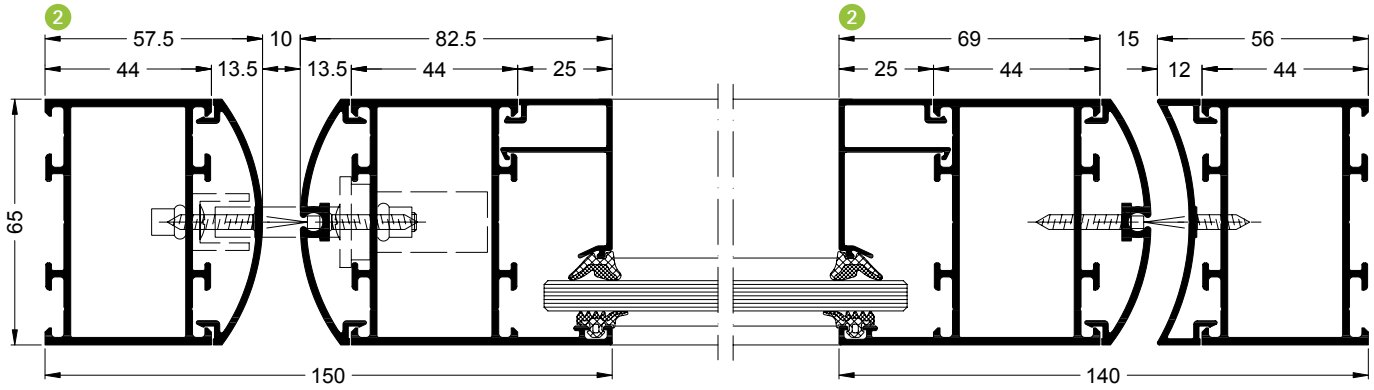


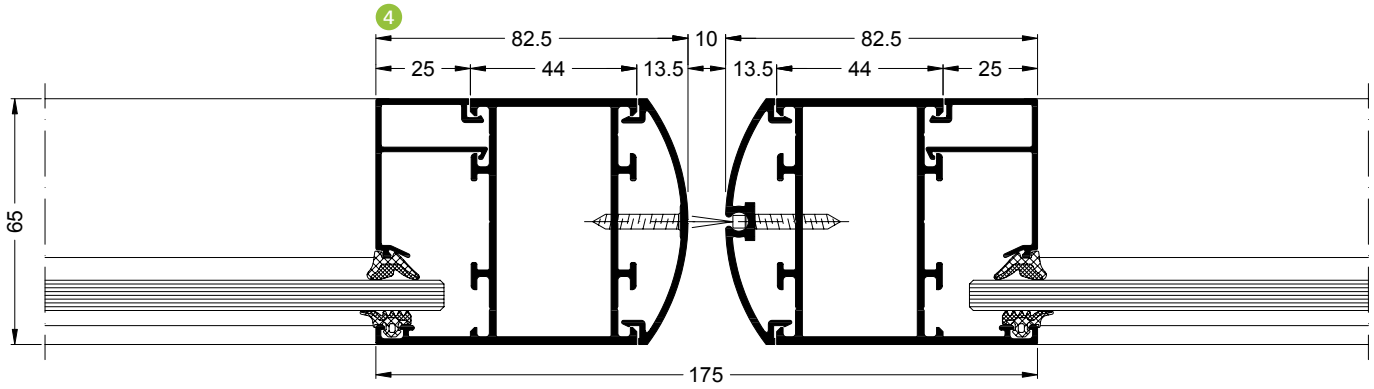


Maßstab 1:2
Scale 1:2

Pendeltür
Swing door

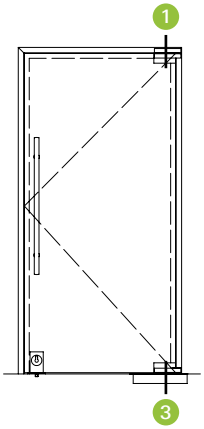


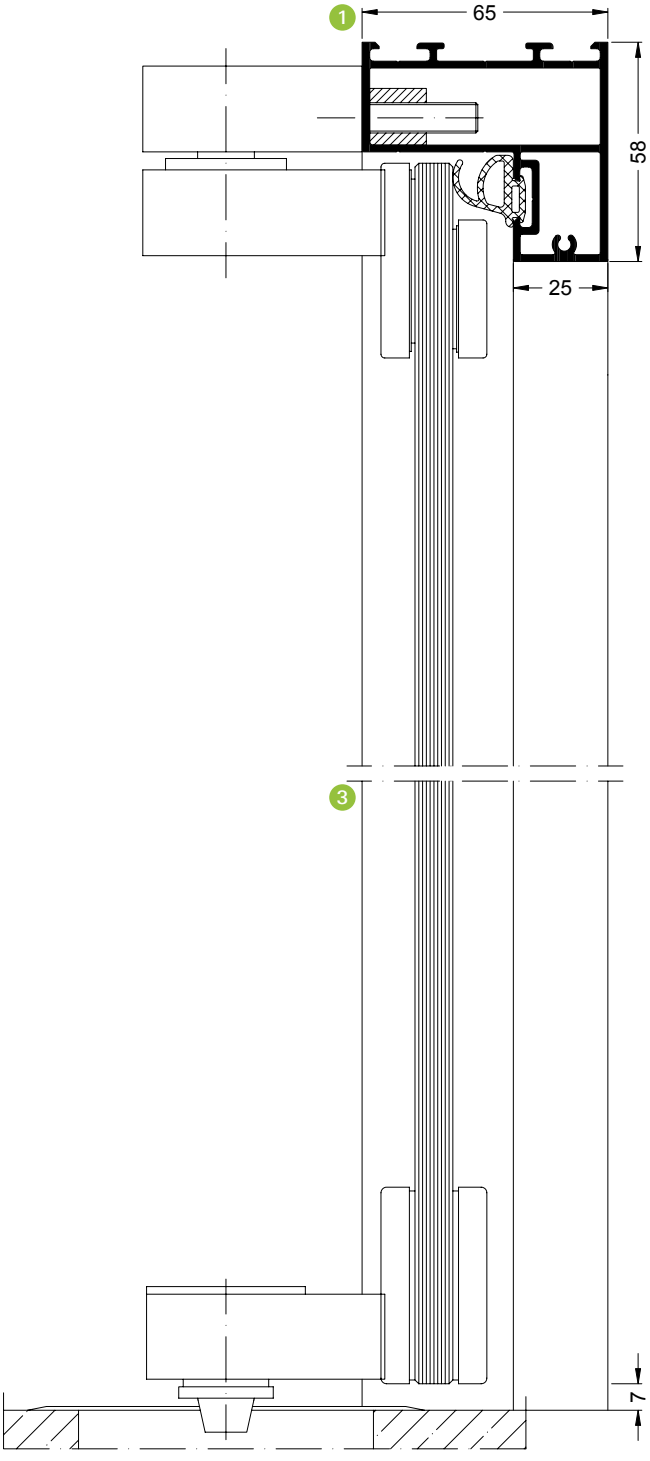




Maßstab 1:2
Scale 1:2

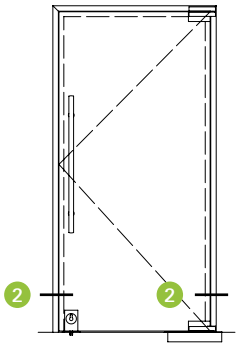
Ganzglastür
All-glass door

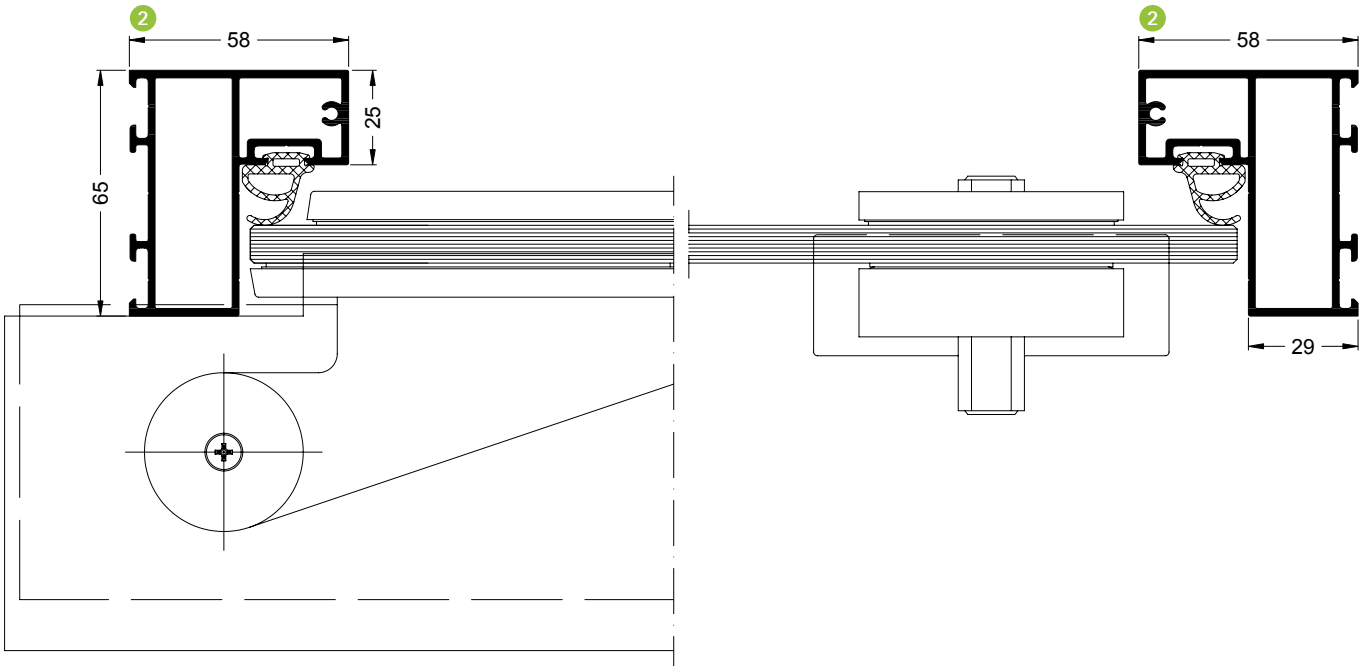




Maßstab 1:2
Scale 1:2

Ganzglastür
All-glass door





Maßstab 1:2
Scale 1:2

Beschläge und Zubehör
Fittings and accessories

Fensterbeschläge
Window fittings

Beschläge und Zubehör
Fittings and accessories

252 Fensterbeschläge
Window fittings

254 Schüco AvanTec SimplySmart
Schüco AvanTec SimplySmart

256 Schüco Beschlag außen öffnend
Schüco outward-opening fitting

257 Beschlag Schüco PASK
Schüco tilt/slide fitting

258 Beschlag Schüco Oberlicht
Schüco toplight fitting

259 Schüco TipTronic Beschlag
Schüco TipTronic fitting

264 Maximale Flügelgrößen Schüco AWS
Maximum Schüco AWS vent sizes

268 Türbeschläge
Door fittings

294 Zubehör
Accessories

Schüco AvanTec SimplySmart
Schüco AvanTec SimplySmart

Visionäre Lösungen erfordern Designflexibilität und Gestaltungsfreiheit. Diesen architektonischen Trends begegnet Schüco mit dem weltweit ersten verdeckt liegenden Beschlag mit 180° Öffnungswinkel

Visionary solutions require flexibility and freedom of design. Schüco has responded to these architectural trends with the first concealed fitting in the world with a 180° opening angle

Optionale Hybrid-Riegelstange mit Aluminium-Kern und Kunststoff-Grundkörper für optimale Bedienkräfte und bewährtem Design

Optional hybrid locking bar with aluminium core and plastic base for optimum operation and proven design

Schüco AvanTec SimplySmart steht für eine mechanische, nach innen öffnende und verdeckt liegende Beschlagsgeneration, die zeitloses Design und vielseitige Funktionalität einzigartig mit intelligenter Montage verbindet. Erstmals ermöglicht ein Beschlagssystem erhöhte architektonische Freiheit durch die Realisierungsmöglichkeit von Flügelgewichten bis 250 kg sowie erweiterte Öffnungswinkel von 180°, was bislang nur aufliegenden Beschlägen vorbehalten war. Mit dem neuen Beschlag Schüco AvanTec SimplySmart wurde der Gedanke der Modularität in den Fokus gestellt. Durch ein neu ausgerichtetes Konzept zur Einbruchhemmung können Standardfenster im Bedarfsfall nachträglich zu einer höheren Sicherheitsklasse aufgewertet werden. Abgerundet wird Schüco AvanTec SimplySmart durch erstmals serienmäßigen Korrosionsschutz der Klasse 5.

Schüco AvanTec SimplySmart is a mechanical, inward-opening range of fittings, which uniquely combines timeless design and diverse functionality with efficient installation. For the first time ever, a fittings system increases architectural freedom by allowing vent weights of up to 250 kg to be constructed, as well as providing an extended opening angle of 180°, which was previously only possible with surface-mounted fittings. The new Schüco AvanTec SimplySmart fitting places the concept of modularity in the spotlight. A new, targeted concept for burglar resistance allows standard windows to be subsequently upgraded to a higher security class where necessary. Schüco AvanTec SimplySmart is rounded off with corrosion protection to class 5 as standard for the first time.

Erhöhte architektonische Freiheit mit Schüco AvanTec SimplySmart
Increased architectural freedom with Schüco AvanTec SimplySmart

Eigenschaften und Vorteile	Features and benefits
▪ Komplett verdeckt liegender Beschlag, klare Linienführung des Fensters akzentuiert durch einheitliches Griffdesign ▪ 180° Öffnungswinkel ergänzend zu 90° Ausführung ▪ Bis zu 200 kg Flügelgewicht für Drehkippfenster und 250 kg für Drehfenster ▪ Neue Stulplösung als Kipp vor Dreh-/Drehfenster möglich ▪ Optimierte Bedienkräfte ▪ Einbruchhemmung bis RC 2 (WK2) ▪ Erstmals Korrosionsschutz KSK 5 serienmäßig ▪ Riegelstange in Kunststoff oder Hybrid mit Aluminium-Kern ausführbar	▪ The completely concealed fittings and the clean lines of the window are accentuated by the uniform handle design ▪ 180° opening angle supplements the 90° version ▪ Up to 200 kg vent weight for turn/tilt windows and 250 kg for side-hung windows ▪ Double vent solution available as tilt-before-turn/side-hung window ▪ Optimised operation ▪ Burglar resistance up to RC 2 (WK2) ▪ Corrosion protection to class 5 as standard for the first time ▪ Locking bar available in plastic or in a hybrid design with an aluminium core

Schüco Beschlag außen öffnend
Schüco outward-opening fitting

Vielseitige Einsatzmöglichkeiten mit dem Schüco Beschlag außen öffnend
A wide range of application options with the Schüco outward-opening fitting

Dieses nach außen öffnende Beschlagssystem liegt vollkommen verdeckt und ermöglicht damit eine klare Linienführung des Fensters. Gleichzeitig bietet es Einbruchhemmung bis RC 2 (WK2).

This outward-opening fittings system is completely concealed and therefore ensures the window has clean lines. It also offers burglar resistance to RC 2 (WK2).

Eigenschaften und Vorteile	Features and benefits
▪ Komplett verdeckt liegend ▪ Optional mit auliegenden Drehbändern ▪ Maximal 45° (Scheren) bzw. 80° (Drehbänder) Öffnungswinkel und ein maximales Flügelgewicht bis 130 kg ▪ Einbruchhemmung RC 2 (WK2) nach EN 1627 (DIN V ENV 1627) ▪ Verwendbar in allen außen öffnenden Profilserien von Schüco Fenster AWS 50.NI bis zum System Schüco Fenster AWS 75.SI+	▪ Fully concealed ittings ▪ Option of surface-mounted hinges ▪ Maximum opening angle of 45° (stays) or 80° (hinges) and a maximum vent weight of up to 130 kg ▪ RC 2 (WK2) burglar resistance in accordance with DIN EN 1627 (DIN V EN 1627) ▪ Can be used in all outward-opening profile series from the Schüco Window AWS 50.NI to the Schüco Window AWS 75.SI+

Beschlag Schüco PASK
Schüco tilt/slide fitting

Auch großflächige, schwere Flügel sind gut handhabbar und leichtgängig
Large, heavy vents are also easy and smooth to operate

Die flexible Lösung für größere Öffnungen
Das Schüco Parallel-Abstell-Schiebe-Kippsystem (PASK) ist die optimale Kombination aus Schiebeelement und Dreh-Kipp-Fenster. Es bietet komfortable Nutzungs- und einfachste Bedienmöglichkeiten. Zu Lüftungszwecken kann selbst bei großen Formaten bedienerfreundlich nur der Flügel der Schüco PASK-Fenstertüren gekippt oder die gesamte Fläche geöffnet werden. Außen flächenbündig elegant und innen aufschlagend liegen Schüco PASK-Flügel in den Rahmenelementen und bieten so optimale Dichtigkeit. Der Forderung zukunftsweisender Schüco Partner und Architekten nach großformatigen PASK Flügeln trägt Schüco z. B. mit Flügelgewichten bis 250 kg Rechnung.

The flexible solution for large openings
The Schüco tilt/slide system is the optimum combination of sliding units and turn/tilt windows. It is convenient and easy-to-use. For ventilation purposes and even with large sizes, the vent of the Schüco tilt/slide window doors alone can be tilted or the entire area can be opened up very easily. Schüco tilt/slide vents are stylishly flush-fitted in the frame units on the outside and face-fitted on the inside, thereby providing optimum weathertightness. Schüco has met the demands of pioneering Schüco partners and architects for large tilt/slide vents, for example, by allowing vent weights of up to 250 kg.

Eigenschaften und Vorteile	Features and benefits
▪ Außen elegant flächenbündig und innen aufschlagend	▪ Outside they are elegantly flush-fitted and inside face-fitted
▪ Optischer Gleichklang von Fenstern und Schiebeelementen	▪ Visual symmetry of windows and sliding units
▪ Mit Profilen bis Schüco AWS 90.SI+ realisierbar	▪ Possible with profiles up to Schüco AWS 90.SI+
▪ Großformatige Flügel bis 2.200 mm x 2.800 mm möglich	▪ Large vents up to 2,200 mm x 2,800 mm possible
▪ Bis zu 250 kg Flügelgewichte	▪ Vent weight up to 250 kg
▪ Hohe Sicherheit bis RC 2 (WK2)	▪ High level of security to RC 2 (WK2)
▪ Hohe Dichtigkeit bis Klasse 9A (DIN EN 12208)	▪ Excellent weathertightness to class 9A (DIN EN 12208)

Beschlag Schüco Oberlicht
Schüco toplight fitting

Der mechanische Oberlichtbeschlag mit ergänzten Eigenschaften hinsichtlich Dichtigkeitsanforderungen und Einbruchhemmung

The mechanical toplight fitting with supplementary features for weathertightness and burglar resistance

Einbruchhemmung mit abschließbarem Handhebel Schüco OL 320 S
Burglar resistance with lockable Schüco OL 320 S handle

Mit dem mechanischen Oberlichtbeschlag bietet Schüco eine auf das komplette Fenstersystem abgestimmte Lösung zur manuellen Lüftung. Die bis zu 290 mm zu öffnenden Kippflügel ermöglichen jetzt mit noch größeren Formaten und einem Maximalgewicht von bis zu 200 kg gestalterische Freiheiten und erfüllen gleichzeitig hohe Dichtigkeitsanforderungen. Die neue Lösung zur Einbruchhemmung mit abschließbarem Handhebel rundet den Systemgedanken ab. Leichtgängige Betätigung durch Zwangsan- und -abdruck sowie sicherer Verschluss durch Endverriegelung steigern die Bedienfreundlichkeit des Beschlags.

Schüco is offering a solution for manual ventilation perfectly coordinated to the complete window system with the mechanical toplight fitting. The bottom-hung opening vents of up to 290 mm are now available in even larger sizes and with a maximum weight of 200 kg. They provide freedom of design while simultaneously meeting high requirements for weathertightness. The new solution for burglar resistance with the lockable handle rounds off the systems principle. Easy operation by means of engagement mechanism and secure closing by end locking increases the user-friendliness of the fitting.

Eigenschaften und Vorteile	Features and benefits
▪ Harmonisches und optisch anspruchvolles Design, verdeckt liegende Verriegelung ▪ Großformatige Flügel bis 3.400 mm x 1.600 mm möglich ▪ Flügelgewicht bis zu 200 kg ▪ Nutzerfreundliche Bedienung über Handhebel oder Knickkurbel ▪ Einbruchhemmung bis RC 3 (WK3), abschließbarer Handhebel als Option bei Schüco OL 320 S ▪ Hohe Dichtigkeit bis Klasse 9A (DIN EN 12208)	▪ Harmonious and visually appealing design, concealed lock ▪ Large vents up to 3,400 mm x 1,600 mm possible ▪ Vent weight up to 200 kg ▪ User-friendly operation by handle or articulated crank ▪ Burglar resistance up to RC 3 (WK3), lockable handle as an option with Schüco OL 320 S ▪ Excellent weathertightness to class 9A (DIN EN 12208)

Schüco TipTronic Beschlag
Schüco TipTronic fitting

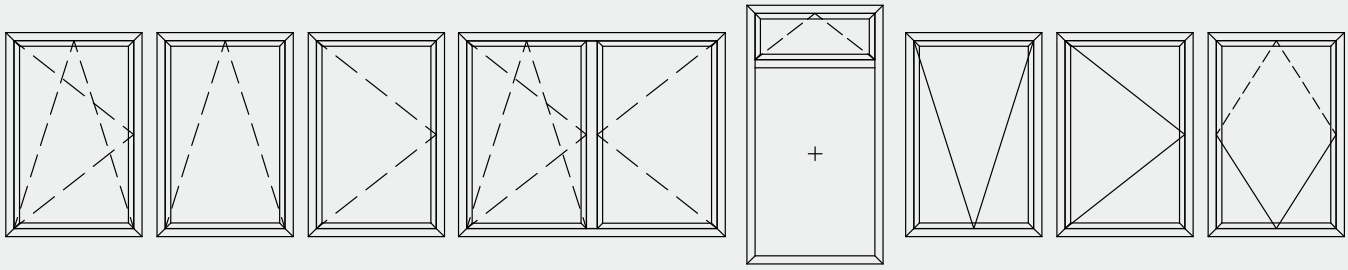
Innovative Technik
Schüco TipTronic ist die erste mechatronische Beschlagsgeneration, die Energiemanagement, Sicherheit, Gebäudeautomation und Design verbindet. Anstelle von Riegelstangen im Flügelrahmen erfolgt die Verriegelung bei Schüco TipTronic durch einzelne Antriebe. Die Kipp-Funktion wird durch einen separaten Kettenantrieb unterstützt. Der mechatronische Schüco TipTronic Beschlag verbindet eine Bedienung in Echtzeit mit den Möglichkeiten der Gebäudeautomation. Am Fenster erfolgt die intuitive Bedienung über ein Griff-Konzept, das die Kipp-Funktion über zwei Tasten regelt. Die Dreh-Funktion wird, wie bei herkömmlichen Fenstern, über das Drehen des Griffs realisiert.

Innovative technology
Schüco TipTronic is the first generation of mechatronic fittings to combine energy management, security, building automation and design. In place of locking bars located in the vent frame, Schüco TipTronic locks by means of individual drives. The tilt function is operated by means of a separate chain actuator. The mechatronic Schüco TipTronic fitting combines real-time operation with building automation options. The window is operated intuitively by means of a handle, the tilt function being controlled by means of two buttons. As with conventional windows, the window is opened in the side-hung position by turning the handle.

Die umfangreiche Auswahl an Öffnungsarten für mechatronische Fenster, einschließlich Oberlichtern, Schwingfenstern und Lüftungsflügeln, ermöglicht eine durchgängige Gestaltung mit Steuerungsmöglichkeiten für höchstmöglichen Komfort.

The comprehensive selection of opening types for mechatronic windows, including toplights, horizontal pivot windows and ventilation vents, allows a universal design with control options for maximum convenience.

Öffnungsarten Opening types



Beschlag Schüco TipTronic:
TÜV-geprüfte Sicherheit
Schüco TipTronic fitting:
TÜV approved security

Schüco TipTronic bietet erhöhte Sicherheit
Der Schüco TipTronic Beschlag verriegelt, anders als bei herkömmlichen automatischen Fenstern, an mehreren Stellen und sorgt für erhöhten Einbruchschutz bis RC 2 (WK2). Magnetschalter sorgen für die Überwachung und Meldung des Fensterzustands an die Systeme der Gebäudeleittechnik sowie an Alarmanlagen. Ein integrierter Klemmschutz lässt das Fenster automatisch wieder öffnen, sollte sich beim Zufahren ein Hindernis innerhalb des Schließbereichs befinden.

Schüco TipTronic offers increased security
Unlike conventional automatic windows, the Schüco TipTronic fitting locks at multiple points and provides for increased burglar resistance up to RC 2 (WK2). Magnetic switches are used to monitor and feed back on windows linked to the building management system and to alarm systems. An integrated anti-finger-trap device ensures that the window automatically reopens if any kind of impedance is encountered when the window closes.

Einbruchhemmung RC 2 (WK2) im Oberlicht mit integriertem Beschlag Schüco TipTronic
RC 2 (WK2) burglar resistance in toplight with integrated Schüco TipTronic fitting

Schüco TipTronic Oberlichter mit Einbruchhemmung RC 2 (WK2)
Der Schüco TipTronic Oberlichtbeschlag ist eine komfortable Alternative zum mechanischen Beschlag. Komplett verdeckt liegende Beschläge ermöglichen eine Gestaltung mit schmalen inneren Ansichten. Zudem ist für die Einbruchhemmung RC 2 (WK2) kein aufliegendes Zusatzschloss notwendig.

Schüco TipTronic toplight with RC 2 (WK2) burglar resistance
The Schüco TipTronic toplight fitting is a convenient alternative to mechanical fittings. Fully concealed fittings allow a design with narrow internal face widths. Also, no additional, surface-mounted lock is required to meet RC 2 (WK2) standards of burglar resistance.

Eigenschaften und Vorteile	Features and benefits
▪ Modulares Sicherheitskonzept der Klasse RC 2 (WK2) mit stabilen Sicherheitsverriegelungen ▪ Flügelgewichte bis zu 100 kg und eine Öffnungsweite von 300 mm / 600 mm möglich ▪ Bedienung über Taster, Funk, zentrale Gebäudesteuerung oder Smartphone	▪ Modular security concept in class RC 2 (WK2) robust security locking ▪ Vent weights up to 100 kg and an opening width of 300 mm / 600 mm are possible ▪ Operated via switch, remote control, central building management system or smartphone

Systemlösung für Oberlichter bis 600 mm: komfortable Bedienung per Funk oder zentraler Gebäudeleittechnik
System solution for toplights up to 600 mm: convenient radio-controlled operation or central building management technology

Komfort in der Fenstertechnologie
Über die individuelle Einzelbedienung hinaus ermöglicht Schüco TipTronic auch die Zusammenschaltung der Fenster zu Gruppen sowie den Anschluss an die Gebäudeleittechnik. Für eine zentrale Steuerung kann das Schüco ControlPanel verwendet werden. Die automatische Fenstersteuerung unterstützt die Gebäudeklimatisierung bei gleichzeitiger Minimierung der Energiekosten. Neben den möglichen Lüftungsfunktionen mit Nachtauskühlung, Zeit-, Licht- und Präsenzsteuerungen ermöglicht die Fenstertechnologie mit Schüco TipTronic auch die Bedienung schwer erreichbarer Fenster z. B. mittels Fernbedienung.

Convenience in window technology
In addition to individual operation, Schüco TipTronic also allows windows to be operated together in groups and connected to the building management system. The Schüco ControlPanel can be used for centralised control. Automatic window control helps keep the building cool whilst simultaneously reducing energy costs. In addition to ventilation function options, including night-time cooling, and controls based on time, available light and number of people present, Schüco TipTronic window technology also allows the operation of hard-to-reach windows by using remote control.

Energieeinsparung durch Nachtauskühlung
Saving energy with night-time cooling

Lüftungsflügel mit Schüco TipTronic Beschlag
Optimierung der automatischen Lüftung in Gebäuden durch die Kombination schmaler Drehflügel mit dem Beschlag Schüco TipTronic.

Ventilation vent with Schüco TipTronic fitting
Automatic ventilation in buildings optimised by combining narrow side-hung vents with Schüco TipTronic fittings.

Eigenschaften und Vorteile	Features and benefits
▪ Komplett verdeckt liegende Antriebe ermöglichen schmale Ansichten	▪ Fully concealed actuators mean narrow face widths are possible
▪ Integrierter Klemmschutz nach VFF-Richtlinien	▪ Integrated anti-finger-trap protection in accordance with VFF guidelines
▪ Öffnungsweite bis 55° mit optimalem Lüftungsquerschnitt	▪ Opening width of up to 55° with optimum cross section for ventilation
▪ Auf- und verdeckt liegende Drehbänder	▪ Surface-mounted and concealed hinges
▪ Flügelbreiten von 450 mm bis 1.000 mm und Flügelhöhen von 900 mm bis 2.500 mm, als Sonderlösung mit Schwenkkonsole an 300 mm Flügelbreite	▪ Vent widths of 450 mm to 1,000 mm and vent heights of 900 mm to 2,500 mm, as a special solution with swivel bracket at 300 mm vent width
▪ Bedienung über Taster, Funk, PC oder zentrale Gebäudeleittechnik	▪ Operated via a switch, radio control, PC or central building management system

Schüco AWS 65 TipTronic, nach außen öffnend
Schüco AWS 65 TipTronic, outward-opening

Schüco TipTronic für nach außen öffnende Fensterelemente
Nach außen öffnende Fenster lassen sich jetzt automatisch öffnen und in die zentrale Gebäudesteuerung integrieren.

Schüco TipTronic for outward-opening window units
Outward-opening windows can now be opened automatically and integrated into the central building management system.

Eigenschaften und Vorteile	Features and benefits
▪ Komplett verdeckt liegende Antriebe und Bänder	▪ Fully concealed actuators and hinges
▪ Hohe Dichtigkeit und Wärmedämmung durch Mitteldichtungssystem	▪ High levels of weathertightness and thermal insulation due to centre gasket system
▪ Fenster mit integriertem Klemmschutz	▪ Window with integrated anti-finger-trap protection
▪ Nutzung der Fensterflügel zur Belüftung und Gebäudeklimatisierung	▪ Use of the window vent for ventilation and air conditioning
▪ Bedienung über Taster, Funk, PC und zentrale Gebäudeleittechnik	▪ Operated via a switch, radio control, PC and central building management system
▪ Öffnungsweite bis 600 mm	▪ Opening width up to 600 mm

Komplett verdeckt liegende Systemlösung für Schwingfenster: auch per Funk bedienbar
Fully concealed system solution for horizontal pivot windows: can also be operated remotely

Schüco TipTronic Schwingfenster
Das automatisierte Schwingfenster als komplett verdeckt liegende Systemlösung auf Basis des Beschlages Schüco TipTronic ermöglicht ein optimales Lüftungsverhalten. Die Fensterflügel mit einem Flügelgewicht bis 150 kg lassen sich 200 mm weit öffnen und bieten so die ideale Möglichkeit zur Einbindung in die zentrale Gebäudeautomation.

Schüco TipTronic horizontal pivot window
The automated horizontal pivot window as a fully concealed system solution based on the Schüco TipTronic fitting allows for optimum ventilation. The window vents with a vent weight of up to 150 kg can be opened to 200 mm and are therefore ideally suited to connection to the central building automation.

Eigenschaften und Vorteile	Features and benefits
▪ Einsatz als automatischer Lüftungsflügel ▪ Optimale Öffnungsart für die Lüftungsfunktion sowie zur Energieeinsparung durch Nachtauskühlen ▪ Fenster mit integriertem Klemmschutz ▪ Baubare Größen: Flügelbreiten von 700 mm bis 2.000 mm und Flügelhöhen von 700 mm bis 2.000 mm	▪ Use as automatic ventilation vent ▪ Ideal opening type for ventilation and saving energy using night-time cooling ▪ Window with integrated anti-finger-trap protection ▪ Size options: vent widths of 700 mm to 2,000 mm and vent heights of 700 mm to 2,000 mm

Schüco TipTronic Fenstergriff
Schüco TipTronic window handle

Durchgängiges Design
Neben der klaren Linienführung durch verdeckt liegende elektrische Beschläge trägt vor allem das durchgängige Design der Schüco Griff-Familie zur ansprechenden Optik bei. Die Schüco Griff-Designlinie ermöglicht ein einheitliches Erscheinungsbild bei Fenster-, Tür- und Schiebesystemen.

Uniform design
In addition to the unbroken lines achieved by concealed electrical fittings, the uniform design of the Schüco handle range also ensures an attractive appearance. The Schüco range of feature handles ensures a uniform look for windows, doors and sliding systems.

iF product design award 2006

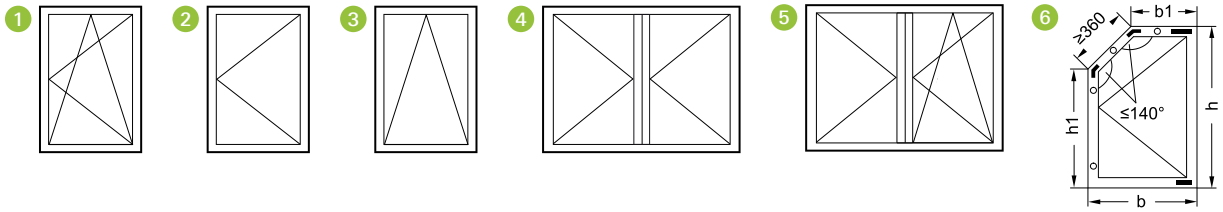
Ausgezeichnet:
Schüco TipTronic Fenster
Award-winning:
Schüco TipTronic window

DESIGNPREIS 2007 NOMINEE

Nominiert:
Schüco TipTronic – die mechatronische Beschlagsgeneration
Nominated:
Schüco TipTronic – the mechatronic generation of fittings

Übersicht Öffnungsarten Schüco AWS
Overview of opening types for Schüco AWS

Schüco AvanTec SimplySmart Beschlag
Schüco AvanTec SimplySmart fitting



	Maximales Flügelgewicht Maximum vent weight	Öffnungsweite Opening width	Minimale Flügelgröße Minimum vent size	Maximale Flügelgröße Maximum vent size	Widerstandsklasse Resistance class
	kg		B x H in mm W x H in mm	B x H in mm W x H in mm	
1 Dreh-Kipp (DK) / Kipp-vor-Dreh (KvD) Turn/tilt (TT) / tilt-before-turn (TbT)	200	175 mm; 90° / 180°	470 x 540 450 x 550	1000 x 2500 1700 x 2100	≤ RC 2 (WK2) ≤ RC 2 (WK2)
2 Dreh (D) Side-hung (SH)	250	90° / 180°	450 x 460	1000 x 2500 1700 x 2100	≤ RC 2 (WK2) ≤ RC 2 (WK2)
3 Kipp (K) Bottom-hung (BH)	60	175 mm	360 x 480 335 x 440	2100 x 1600 2500 x 1000	≤ RC 2 (WK2) ≤ RC 2 (WK2)
4 Stulp (Dreh / Dreh (D / D)) Double vent (Side-hung / side-hung (SH/SH))	250 / 250	90° / 180°	(300 + 450) x 540	(1000 + 1000) x 2500 (1400 + 1400) x 1500	≤ RC 2 (WK2) ≤ RC 2 (WK2)
5 Stulp (Dreh-Kipp / Dreh (DK / D)) Double vent (Turn/tilt / side-hung (TT/SH))	200 / 250	175 mm; 90° / 180°	(300 + 470) x 630	(1400 + 1400) x 2500 (1400 + 1000) x 1800	≤ RC 2 (WK2) ≤ RC 2 (WK2)
5 Stulp (Kipp-vor-Dreh / Dreh (KvD / D)) Double vent (Tilt-before-turn / side-hung (TbT / SH))	200 / 250	175 mm; 90° / 180°	(300 + 470) x 630	(1400 + 1400) x 2500 (1400 + 1000) x 1800	≤ RC 2 (WK2) ≤ RC 2 (WK2)
6 Schrägfenster (D) Shaped window (SH)	90	90° / 180°	450 (b1) / 500 (b) 620 (h1) / 900 (h)	1000 x 2500 1700 x 2100	Basissicherheit Basic security
6 Schrägfenster (DK) Shaped window (TT)	90	175 mm	650 (b1) / 905 (b) 620 (h1) / 875 (h)	1000 x 2500 1700 x 2100	Basissicherheit Basic security

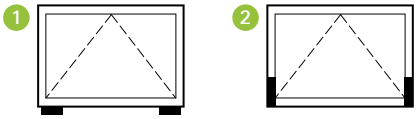
Größenangaben für barrierefreie Durchgangselemente
Size details for easy-access doors/windows

	Maximales Flügelgewicht Maximum vent weight	Öffnungsweite Opening width	Minimale Flügelgröße Minimum vent size	Maximale Flügelgröße Maximum vent size	Widerstandsklasse Resistance class
	kg		B x H in mm W x H in mm	B x H in mm W x H in mm	
1 Dreh-Kipp (DK) Turn/tilt (TT)	200	90° / 180°	550 x 600	1300 x 2100 1100 x 2500	Auf Anfrage On request
2 Dreh (D) Side-hung (SH)	250	90° / 180°	400 x 600	1300 x 2100 1100 x 2500	Auf Anfrage On request
3 –	–	–	–	–	–
4 Stulp (Dreh / Dreh (D / D)) Double vent (Side-hung / side-hung (SH/SH))	250 / 250	90° / 180°	(300 + 450) x 630	(1300 + 1300) x 1500 (900 + 1100) x 2100	Auf Anfrage On request
5 Stulp (Dreh-Kipp / Dreh (DK / D)) Double vent (Turn/tilt / side-hung (TT/SH))	200 / 250	175 mm; 90° / 180°	(300 + 550) x 710	(1300 + 1100) x 1500 (900 + 1100) x 2100	Auf Anfrage On request

Hinweis
Die Flügelgrößen sind abhängig vom Verriegelungstyp, Position und Anzahl der Zusatzverriegelung, der Widerstandsklasse nach DIN EN 1627 und der Schlagregendichtheit nach DIN EN 12208. Das Verhältnis Flügelbreite zur Flügelhöhe darf 1,2:1 nicht überschreiten.

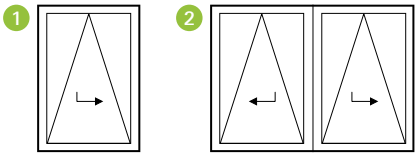
Note
The vent sizes depend on the locking type, the position and number of additional locking points, the resistance class in accordance with DIN EN 1627 and the watertightness in accordance with DIN EN 12208.
The ratio of vent width to vent height must not exceed 1.2:1.

Beschlag Schüco Oberlicht
Schüco toplight fitting



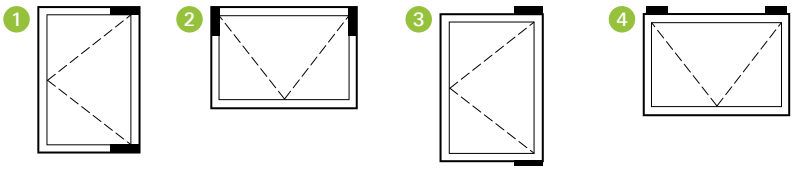
	Maximales Flügelgewicht Maximum vent weight	Öffnungsweite Opening width	Minimale Flügelgröße Minimum vent size	Maximale Flügelgröße Maximum vent size	Widerstandsklasse Resistance class
	kg	mm	B x H in mm W x H in mm	B x H in mm W x H in mm	
1 aufliegend surface-mounted	200	290	550 x 450	3100 x 1500 2400 x 1600	≤ RC 3 (WK3) ≤ RC 3 (WK3)
2 verdeckt liegend concealed	130	290	550 x 500	3100 x 1500 2400 x 1600	Basissicherheit Basic security

Beschlag Schüco PASK
Schüco tilt/slide fitting



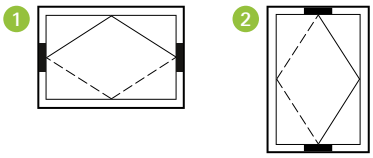
	Maximales Flügelgewicht Maximum vent weight	Öffnungsweite Opening width	Minimale Flügelgröße Minimum vent size	Maximale Flügelgröße Maximum vent size	Widerstandsklasse Resistance class
	kg	mm	B x H in mm W x H in mm	B x H in mm W x H in mm	
1 1-flügelig single-leaf	250	175	930 x 1200	2200 x 2800	≤ RC 2 (WK2) ≤ RC 2 (WK2)
2 2-flügelig double-leaf	250	175	1090 x 1200	2200 x 2250	≤ RC 1N (WK1) ≤ RC 1N (WK1)

Schüco Beschlag außen öffnend
Schüco outward-opening fitting



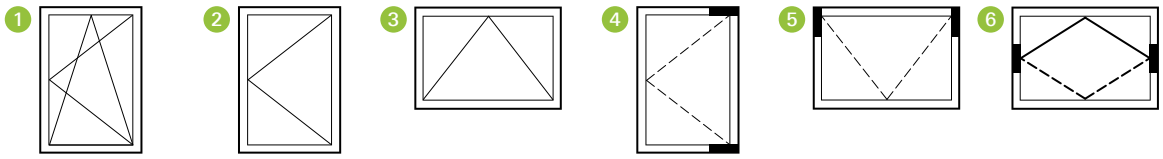
	Maximales Flügelgewicht Maximum vent weight	Öffnungsweite Opening width	Minimale Flügelgröße Minimum vent size	Maximale Flügelgröße Maximum vent size	Widerstandsklasse Resistance class
	kg		B x H in mm W x H in mm	B x H in mm W x H in mm	
1 Dreh (D) Side-hung (SH)	52	45°	320 x 450	838 x 1900	≤ RC 2 (WK2) ≤ RC 2 (WK2)
2 Senk-Klapp (SK) Projected top-hung (PTH)	130	45°	450 x 320	2000 x 2000	≤ RC 2 (WK2) ≤ RC 2 (WK2)
3 Dreh (D) Side-hung (SH)	90	80°	450 x 450	1450 x 1900 100 x 2200	Basissicherheit Basic security
4 Klapp (K) Top-hung (K)	75	–	450 x 450	2000 x 1000 1900 x 1450	Basissicherheit Basic security

Schüco Beschlag Schwing/Wende
Schüco horizontal/vertical pivot fitting



	Maximales Flügelgewicht Maximum vent weight	Öffnungsweite Opening width	Minimale Flügelgröße Minimum vent size	Maximale Flügelgröße Maximum vent size	Widerstandsklasse Resistance class
	kg		B x H in mm W x H in mm	B x H in mm W x H in mm	
1 Schwingfenster Horizontal pivot window	200	180°	700 x 700	2500 x 2000	Basissicherheit Basic security
2 Wendefenster Vertical pivot window	110	180°	700 x 700	1800 x 2000	Basissicherheit Basic security

Schüco TipTronic Beschlag
Schüco TipTronic fitting



Öffnungsart Opening type	Maximales Flügelgewicht Maximum vent weight	Öffnungsweite Opening width	Minimale Flügelgröße Minimum vent size	Maximale Flügelgröße Maximum vent size	Widerstandsklasse Resistance class
	kg	mm	B x H in mm W x H in mm	B x H in mm W x H in mm	
1 Dreh-Kipp (DK) Turn/tilt (TT)	160	170	430 x 870	1300 x 2100 1000 x 2500	≤ RC 2 (WK2) ≤ RC 2 (WK2)
2 Dreh (D) Side-hung (SH)	160	200	450 x 1030	1000 x 2500	Basissicherheit Basic security
	160	300	450 x 920	1300 x 2100 1000 x 2500	Basissicherheit Basic security
3 Kipp (K) Bottom-hung (BH)	100	170	740 x 450	2500 x 1400	Basissicherheit Basic security
	70 / 100	300	645 x 500	2100 x 1700 2500 x 1400	Basissicherheit * Basic security *
4 Dreh-Klapp (D) Projected side-hung (SH)	52	200	490 x 700	838 x 2200	Basissicherheit Basic security
5 Senk-Klapp (SK) Projected top-hung (PTH)	100	200	510 x 450	1700 x 2000	Basissicherheit Basic security
	100	300	700 x 500	2000 x 1700 1700 x 2000	Basissicherheit Basic security
6 Schwing (S) Horizontal pivot (HP)	150	200	500 x 900	2500 x 2000	Basissicherheit Basic security

Hinweis
Die Flügelgrößen sind abhängig vom Verriegelungstyp, Position und Anzahl der Zusatzverriegelung, der Widerstandsklasse nach DIN EN 1627 und der Schlag-regendichtheit nach DIN EN 12208.
Das Verhältnis Flügelbreite zur Flügelhöhe darf 1,2:1 nicht überschreiten.
Die Drehfunktion ist per Software sperrbar.
Beim Einsatz des e-Griffes ist die Griffanordnung zu beachten (Empfehlung hG ≈ h/2)
* WK1 und RC 2 (WK2) auf Anfrage

Note
The vent sizes depend on the locking type, the position and number of additional locking points, the resistance class in accordance with DIN EN 1627 and the watertightness in accordance with DIN EN 12208.
The ratio of vent width to vent height must not exceed 1.2:1.
The turn function can be locked using software.
When using the e-handle, note the handle position (recommendation hG ≈ h/2)
* WK1 and RC 2 (WK2) on request

Türbeschläge
Door fittings

252 Fensterbeschläge
Window fittings

Beschläge und Zubehör
Fittings and accessories

268 Türbeschläge
Door fittings

270 Übersicht Schüco Türbänder
Overview of Schüco door hinges

271 Verdeckt liegende Türbänder
Concealed door hinges

274 Rollentürbänder
Barrel hinges

276 Aufsatztürbänder
Surface-mounted door hinges

278 Maximale Flügelgrößen Schüco Türen ADS
Maximum Schüco Doors ADS leaf sizes

280 Schließtechnik
Lock technology

294 Zubehör
Accessories

Übersicht Schüco Türbänder
Overview of Schüco door hinges

Das breite Portfolio an Schüco Beschlags- und Schließtechniken wird den hohen Ansprüchen der Architekten und Planer gerecht. Anforderungen wie Stabilität und Robustheit an große Objekttüren werden durch die Schüco Rollen- und Aufsatztürbänder erfüllt. Elegantes Design und eine klare Linienführung bietet das verdeckt liegende Türband. Das Schüco Door Control System ermöglicht eine optimale Integration mechatronischer Komponenten in einer Tür.

The wide range of Schüco fittings and lock technologies meets the exacting demands of architects and developers. The requirements of large project doors, such as stability and durability, are fulfilled by the Schüco barrel and surface-mounted hinges. The concealed door hinge means an elegant design and clean lines. The Schüco Door Control System allows mechatronic components to be perfectly integrated in a door.

Verdeckt liegendes Türband 100°
100° concealed door hinge

Rollentürbänder für Schüco Türsysteme
Barrel hinges for Schüco door systems

3-teiliges Aufsatztürband
3-part surface-mounted door hinge

Einsatzempfehlung und Anwendung von Türbändern
Recommendations for installation and use of door hinges

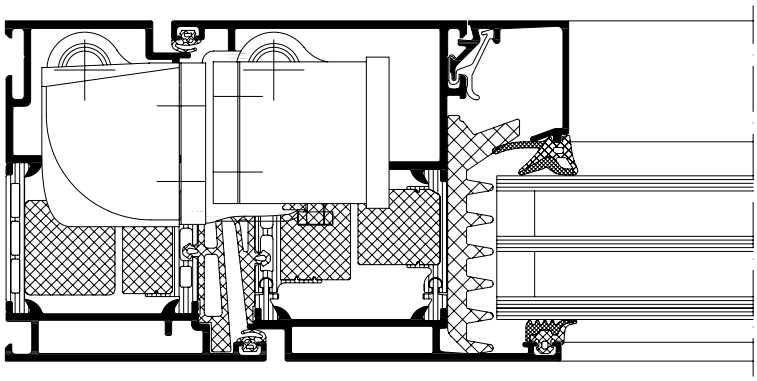
Türband Door hinge		Türflügel im System ADS Door leaf in ADS system		Türflügel im System ADS HD Door leaf in ADS HD system		Anwendung Application
		Türflügelgewicht Door leaf weight	Öffnungszyklen Opening cycles	Türflügelgewicht Door leaf weight	Öffnungszyklen Opening cycles	
Verdeckt liegende Türbänder **Concealed door hinges**						
100°		150 kg	500.000	150 kg	500.000	Normale Beanspruchung, ohne Drehtürantriebe Normal loading, without side-hung door drives
180°		150 kg	200.000	180 kg	200.000	Normale Beanspruchung, ohne Drehtürantriebe Normal loading, without side-hung door drives
Rollentürbänder **Barrel hinges**						
Bautiefe Basic depth	50 mm, 60 mm	120 kg	200.000	–	–	Normale Beanspruchung, ohne Drehtürantriebe Normal loading, without side-hung door drives
Bautiefe Basic depth	65 mm, 70 mm, 75 mm, 90 mm	150 kg	200.000	200 kg	1.000.000	Sehr starke Beanspruchung, mit Drehtürantrieben (z. B. in Büro- und Dienstleistungsgebäuden) Very heavy loading, with side-hung door drives (e.g. in offices and commercial buildings)
Aufsatztürbänder **Surface-mounted door hinges**						
2-teilig 2-part		120 kg	200.000	120 kg	200.000	Starke Beanspruchung, mit Drehtürantrieben Heavy loading, with side-hung door drives
3-teilig 3-part		150 kg	200.000	200 kg	1.000.000	Sehr starke Beanspruchung, mit Drehtürantrieben (z. B. in Messegebäuden, Schulen, etc.) Very heavy loading, with side-hung door drives (e.g. in exhibition buildings, schools, etc.)

Verdeckt liegende Türbänder
Concealed door hinges

Verdeckt liegendes Türband 180°
180° concealed door hinge

Verdeckt liegendes Türband 180°
Verdeckt liegende Türbänder haben nicht nur in puncto Eleganz und Ästhetik deutliche Vorteile – durch die größere lichte Durchgangsbreite schaffen sie Raum für einen barrierefreien Zugang.

180° concealed door hinge
Concealed door hinges have clear advantages in terms of elegance and aesthetics – the larger clear opening width makes space for an easy-access entrance.



Verdeckt liegendes Türband 180°, nach innen öffnend
180° concealed door hinge, inward-opening

Maßstab 1:2
Scale 1:2

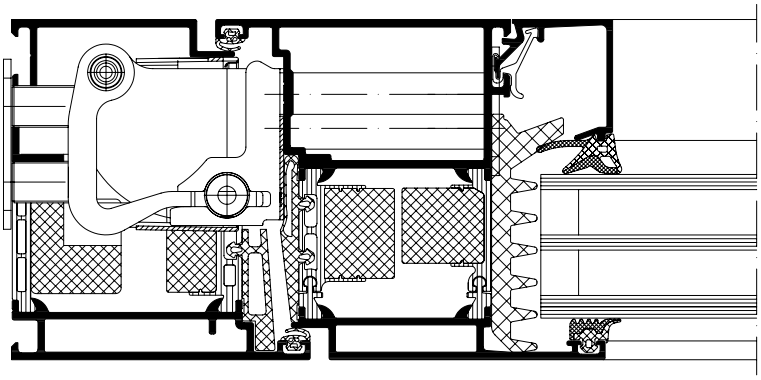
Eigenschaften und Vorteile	Features and benefits
▪ 100 % wartungsfrei durch intelligente Lagerung der Drehachsen sowie ausgewählte Werkstoffkombination	▪ 100 % maintenance-free due to intelligent mounting of the rotational axes as well as the selected combination of materials
▪ Öffnungswinkel 180°	▪ 180° opening angle
▪ Flügelgewicht bis 180 kg möglich	▪ Leaf weights up to 180 kg are possible
▪ Für nach innen und nach außen öffnende Türen	▪ For inward and outward-opening doors
▪ DIN links und rechts verwendbar	▪ Can be used DIN LH and RH
▪ Aus Aluminium/EV1 eloxiert	▪ Made of aluminium/EV1 anodised
▪ Höhenverstellung ± 3 mm	▪ Height adjustment ± 3 mm
▪ Horizontalverstellung ± 3 mm	▪ Horizontal adjustment ± 3 mm

Verdeckt liegendes Türband 100°
100° concealed door hinge

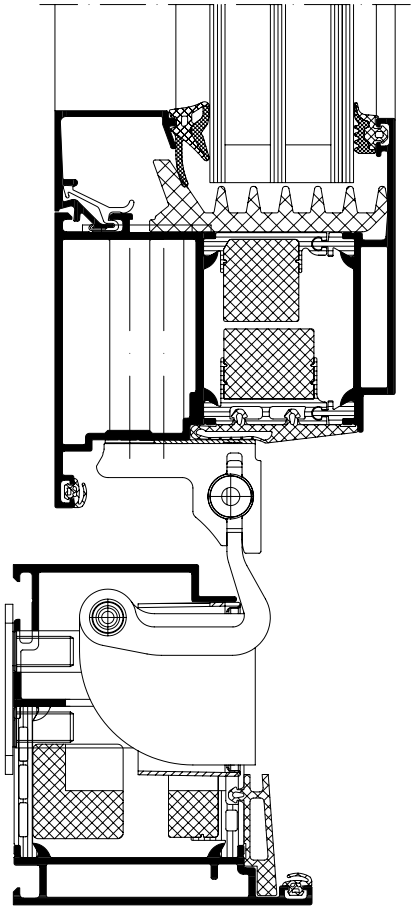
Verdeckt liegendes Türband 100°
Der architektonische Leitgedanke „Reduktion auf das Wesentliche“ prägt die Schüco Generation der verdeckt liegenden Türbänder. Verdeckt liegende Türbänder folgen dieser Ideologie und wahren die klare Linienführung des architektonischen Konzepts. Gleichzeitig ist das Band durch die Lage im Profil vor Witterungseinflüssen hervorragend geschützt.

100° concealed door hinge
The Schüco generation of concealed door hinges are shaped by the guiding architectural theme of “Reduction to the essentials”. Concealed door hinges follow this idea and maintain the streamlined appearance associated with this architectural concept. The location of the hinge inside the profile also provides excellent protection against the weather.

Eigenschaften und Vorteile	Features and benefits
▪ Hoher Sicherheitsstandard durch komplett verdeckt liegenden Beschlag ▪ Öffnungswinkel 100° ▪ Flügelgewicht 150 kg ▪ Ermöglicht große Durchgangsbreiten (DIN EN 12519) durch speziellen Schwenkradius ▪ Für nach innen und nach außen öffnende Türen ▪ Aus Aluminium/EV1 eloxiert ▪ Aushängen des Bandlappens ohne Demontage des Bandkörpers	▪ High level of security due to the fully concealed fitting ▪ 100° opening angle ▪ 150 kg leaf weight ▪ Allows large opening widths (DIN EN 12519) due to special swivel radius ▪ For inward and outward-opening doors ▪ Made of aluminium/EV1 anodised ▪ Removal of the hinge loop without dismantling the hinge



Verdeckt liegendes Türband 100°, nach innen öffnend
100° concealed door hinge, inward-opening



Detailschnitt geöffnetes Türband 100°
Section detail of 100° open door hinge

Maßstab 1:2
Scale 1:2

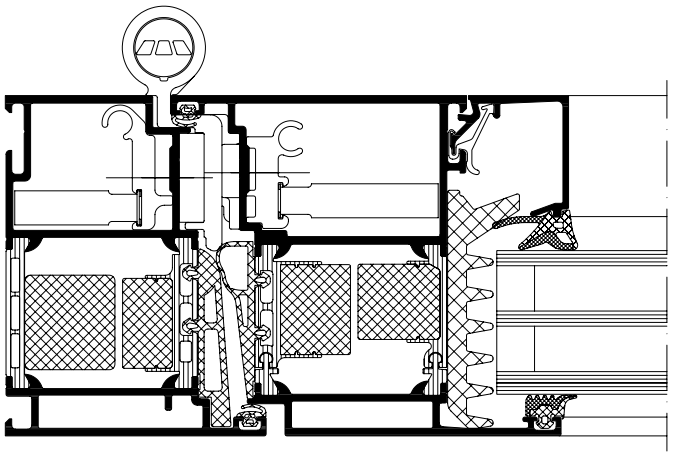
Rollentürbänder
Barrel hinges

Schüco Rollentürbänder zeichnen sich durch die von außen erkennbare elegante Rollenbandoptik aus. In der Innenansicht verschmelzen die Bandkörper und Befestigungselemente harmonisch mit den vertikal laufenden Profillinien und können auf Wunsch auch farblich angeglichen werden.

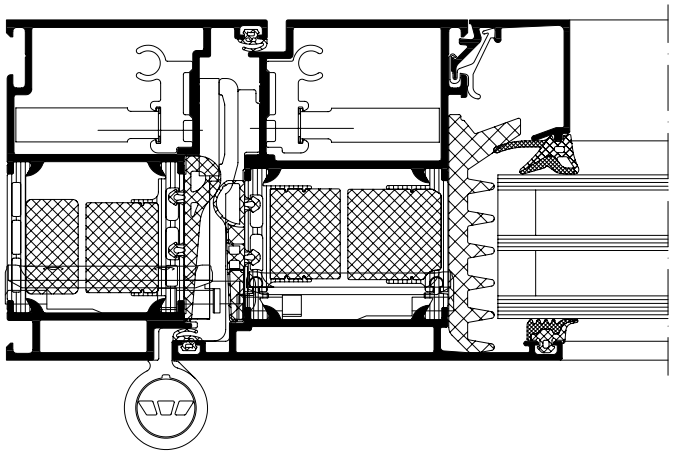
Schüco barrel hinges are distinguished by their elegant barrel hinge look, which is recognisable from the outside. Inside, the hinges and the fixings blend in perfectly with the vertical profile lines. Their colour can also be matched if desired.

Rollentürbänder für Schüco Türsysteme
Barrel hinges for Schüco door systems

Eigenschaften und Vorteile	Features and benefits
▪ Maximale Lastabtragung von 200 kg ▪ Geprüft durch akkreditiertes Prüflabor bis zu 1 Million Prüfzyklen nach DIN EN 12400 ▪ Für energetisch hochwertige Türkonstruktionen mit hoher Grundbautiefe, neues speziell abgestimmtes Rollentürband zur Beibehaltung des umlaufenden Mitteldichtungsprinzips ▪ Innovative Klemmankerbefestigung für außen öffnende Türkonstruktionen ▪ Verstellbar, ohne den Flügel dabei aushängen zu müssen ▪ Bündelung der Verstelltechnik in den Blendrahmen für erhöhte Stabilität ▪ Optimale Verstellwege ± 1,5 mm horizontale Verstellung und ± 3 mm vertikale Verstellmöglichkeit	▪ Maximum load transfer of 200 kg ▪ Tested by an accredited test centre in up to 1 million test cycles in accordance with DIN EN 12400 ▪ For highly energy-efficient door constructions with a high basic depth, new specially co-ordinated barrel hinge to maintain the principle of the continuous centre gasket ▪ Innovative clamping anchor fixing for outward-opening door constructions ▪ Adjustable without having to remove the leaf ▪ All the adjustment technology is kept together in the outer frame for increased stability ▪ Optimum adjustment ranges: ± 1.5 mm horizontal adjustment and ± 3 mm vertical adjustment



Rollentürband, eingesetzt in Schüco Tür ADS 90.SI, nach innen öffnend
Barrel hinge used in Schüco Door ADS 90.SI, inward-opening



Rollentürband, eingesetzt in Schüco Tür ADS 90.SI, nach außen öffnend
Barrel hinge used in Schüco Door ADS 90.SI, outward-opening

Maßstab 1:2
Scale 1:2

Aufsatztürbänder
Surface-mounted door hinges

3-teiliges Aufsatztürband
3-part surface-mounted door hinge

Insbesondere in Bauvorhaben mit erhöhten Robustheits- und Dauerfunktionsanforderungen an Türsysteme werden die seit Jahren bewährten Schüco Aufsatztürbänder erfolgreich eingesetzt. Im Rahmen der Sortimentsoptimierung wurde dieser Bandtyp jetzt technisch und in puncto Design überarbeitet.

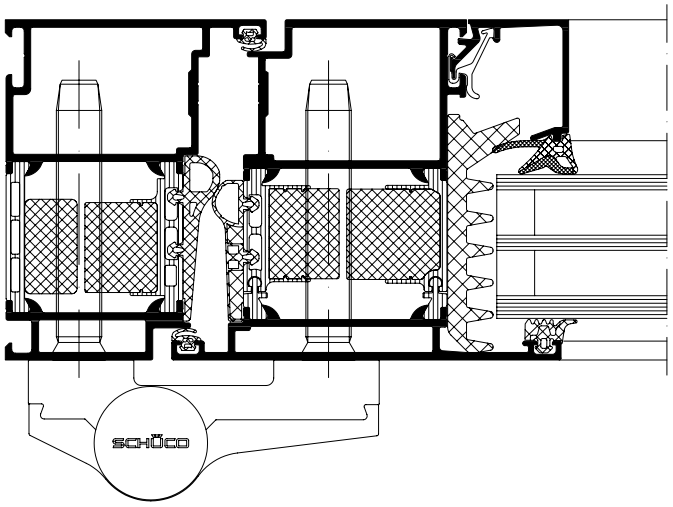
The tried-and-tested Schüco surface-mounted hinges are particularly successful in projects with increased requirements for door systems to be more durable and more resistant to repeated opening and closing. As part of improving the range, this type of hinge has now been modified technically and in terms of design.

Eigenschaften und Vorteile

- Die den robusten Bandkörpern zugrunde liegende Außenkontur wurde den zeitgemäßen Designanforderungen angepasst
- Durchgehender, massiver Lagerbolzen aus Edelstahl ermöglicht hohe Bandstabilität
- Belastbar bis 200 kg Flügelgewicht
- 2- oder 3-teilige Ausführung verfügbar
- Innovative Direktbefestigung mittels spezieller Ankerschraube zur schnelleren Verarbeitung
- Erweiterte Verstell- und Befestigungsmöglichkeiten: horizontal ± 2,5 mm, vertikal + 3 mm / -2 mm und Dichtungsandruck ± 0,5 mm
- Wartungsfrei – ohne Fetten und Ölen

Features and benefits

- The outer contour on which the robust hinge body is based, has been matched to contemporary design requirements
- A continuous, solid hinge pin made of stainless steel provides a high level of hinge stability.
- Able to bear loads up to 200 kg leaf weight
- 2-part or 3-part design available
- Innovative direct fixing using a special anchor bolt for faster fabrication
- Enhanced adjustment and fixing options: horizontal ± 2.5 mm, vertical + 3 mm / -2 mm and gasket contact pressure ± 0.5 mm
- Maintenance free – no oiling or greasing



Verwendung des Aufsatztürbandes in Verbindung mit der Serie Schüco ADS 90.SI
Use of surface-mounted hinge in conjunction with the Schüco ADS 90.SI series

Maßstab 1:2
Scale 1:2

Maximale Flügelgrößen Schüco Türen ADS
Maximum Schüco Doors ADS leaf sizes

Beeinflussende Faktoren auf Anzahl und Position der Türbänder
Factors influencing the number and position of the door hinges

1. Türflügelgewicht
   Door leaf weight
2. Beanspruchung der Tür
   Loading of the door
3. Türhöhe
   Door height
4. Widerstandsklasse nach DIN EN 1627 (DIN V ENV 1627)
   Resistance class in accordance with DIN EN 1627 (DIN V ENV 1627)

Maximale Abmaße des Türflügels in Abhängigkeit der verwendeten Serie und des Türflügelgewichts
Maximum dimensions of the door leaf depending on the series used and the door leaf weight

Türband Door hinge	Schüco Serie Schüco Series	Maximales Türflügelgewicht Maximum door leaf weight	Maximale Abmaße (B x H) Maximum dimensions (W x H)
Verdeckt liegende Türbänder Concealed door hinges			
100°	ab 65 mm Bautiefe from 65 mm basic depth	120 kg	1250 mm x 2500 mm
180°	ab 65 mm Bautiefe from 65 mm basic depth	180 kg (ADS HD) 150 kg (ADS)	1250 mm x 2500 mm
Rollentürbänder Barrel hinges			
3-teilig 3-part	ADS 90.SI	200 kg	1400 mm x 3000 mm
	ADS 90 PL.SI – ADS 112 IC	160 kg	1400 mm x 2500 mm
	ADS 65 HD – ADS 75 HD	200 kg	1400 mm x 3000 mm
	ADS 65 – ADS 75	150 kg	1250 mm x 2500 mm
	ADS 60	120 kg	1100 mm x 2500 mm
	ADS 50	120 kg	1100 mm x 2300 mm
Aufsatztürbänder Surface-mounted door hinges			
2-teilig 2-part	ADS 65 – ADS 90.SI	120 kg	1250 mm x 2500 mm
	ADS 60	120 kg	1100 mm x 2500 mm
	ADS 50	120 kg	1100 mm x 2300 mm
3-teilig 3-part	ADS 65 HD – ADS 75 HD	200 kg	1400 mm x 3000 mm
	ADS 65 – ADS 90.SI	150 kg	1250 mm x 2500 mm
	ADS 60	150 kg	1100 mm x 2500 mm
	ADS 50	150 kg	1100 mm x 2300 mm

Hinweis
Die Anzahl und Position der benötigten Türbänder ist neben der gewünschten Größe abhängig vom Türflügelgewicht, der Beanspruchung der Tür, wie in Gebäuden mit Publikumsverkehr z. B. Schulen oder Türen mit Türschließern oder der gewählten Sicherheitsklasse nach DIN EN 1627 (DIN V ENV 1627).

Note
In addition to the desired size of the door, the number and position of door hinges required will depend on the door leaf weight, the loading of the door, such as in public access buildings, e.g. schools or doors with door closers, or the selected resistance class in accordance with DIN EN 1627 (DIN V ENV 1627).

Schließtechnik für Schüco Türen
Lock technology for Schüco doors

Schüco InterLock Schloss mit Panikfunktion
Schüco InterLock lock with panic function

Selbstverriegelndes Schloss Schüco SafeMatic
Schüco SafeMatic self-locking lock

3-fach Schwenkhaken-Bolzenschloss mit erhöhter Korrosionsbeständigkeit
3-point claw bolt and pin lock with increased corrosion resistance

An die Schließtechnik einer Tür werden vielfältige Ansprüche gestellt. Sie muss ebenso sicher, wie auch komfortabel und robust ausgeführt sein. Schüco erfüllt diese Anforderungen mit einer großen Vielfalt an Schließsystemen, die individuelle Kundenwünsche erfüllen. So können zum Beispiel Türsysteme der einbruchhemmenden Klasse RC 3 (WK3) mit dem Schwenkhakenbolzenschloss oder dem Komfortschloss realisiert werden. Letzteres zeichnet sich durch die Anordnung des Profilzylinders oberhalb des Drückers aus und ermöglicht so eine angenehme Bedienhöhe. Die selbstverriegelnden Schlösser der Serien Schüco InterLock und Schüco SafeMatic liefern höchste Sicherheit im täglichen Gebrauch für Wohn- und Objekttüren. Schüco bietet Schließtechnik für Fluchtwege gemäß EN 179/EN 1125 an. Hier sei besonders der neue Push Bar mit integrierter LED-Technik zur Integration der Fluchttürüberwachung erwähnt.

Komfort und Sicherheit lassen sich zudem durch den Einsatz von Motorschlössern, E-Öffnern, Zutrittskontrollsystemen (Schüco Door Control System) und elektronischer Schlossüberwachung steigern und damit an die individuellen Anforderungen anpassen. Dabei fügen sich die Schlosskomponenten harmonisch in das edle Design der Schüco Türen ein.

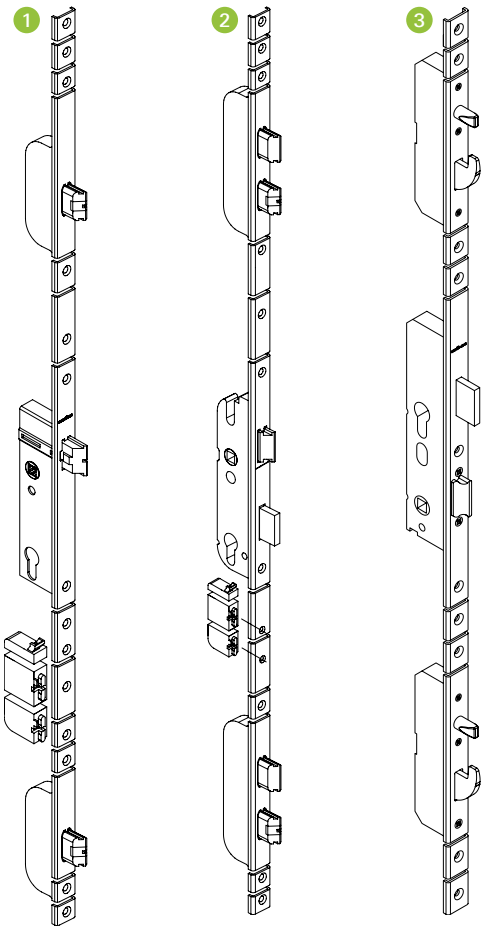
There is a wide variety of demands being placed on the lock technology of a door. It must be designed to be secure, easy-to-use and durable in equal measure. Schüco satisfies these requirements with a wide variety of lock systems, which in turn meet the individual demands of customers. Door systems in burglar resistance class RC 3 (WK3) can therefore be fitted with the claw bolt and pin lock or the easy-to-use lock. For the latter, the profile cylinder is positioned above the handle, providing a more convenient operating height. The self-locking locks in the Schüco InterLock and Schüco SafeMatic series provide the highest levels of security in everyday use for residential and commercial doors. Schüco offers lock technology for escape routes in accordance with EN 179/EN 1125. Of particular note in this respect is the new push bar with integrated LED technology for incorporating monitoring of emergency exits.

Ease of use and security can also be increased by using electric locks, electric strikes, access control systems (Schüco Door Control System) and electronic lock monitoring, and can therefore be tailored to individual requirements. The lock components therefore blend in seamlessly with the stylish design of the Schüco doors.

1 Schüco InterLock
Schüco InterLock

2 Schüco SafeMatic
Schüco SafeMatic

3 Schwenkhaken-Bolzenschloss
Claw bolt and pin lock



Übersicht Schlossvarianten
Overview of lock options

	Schlosssystem Locking system		
	1	2	3
Einsetzbar in Schüco ADS Can be used in Schüco ADS	■	■	■
Einsetzbar in Schüco ADS HD Can be used in Schüco ADS HD	■	■	■
Einbruchhemmung nach DIN EN 1627 (DIN V ENV 1627) Burglar resistance in accordance with DIN EN 1627 (DIN V ENV 1627)			
WK1	■	■	■
RC 2 (WK2)	■	■	■
RC 3 (WK3)			■
Für Türen bis 3 m For doors up to 3 m		◩	■
Selbstverriegelnd Self-locking	■	■	◩
Akustisches Öffnungssignal Acoustic opening signal	■		
Teilpanikfunktion Partial panic function	■		
Vollpanikfunktion (2-flügelig) Full panic function (double-leaf)	■		
Motorische Funktion (A-Öffner) Electric operation (A-opener)	◩	◩	
Fallenriegelüberwachung Latch bolt monitoring	◩	◩	
Sicherungsbügel Security catch		◩	◩
SoftLock SoftLock			◩
Komfort Funktion Comfort function			
1-tourig Single-throw	■	■	◩
Gesicherte Fallenfeststellung Secured latch bolt stop			

◩ Variante verfügbar
Option available

Fluchttürsysteme für Europa
Emergency exit systems for Europe

Im Zuge einer europaweiten Vereinheitlichung wichtiger Sicherheitsbestimmungen erhält die Planung von Fluchtwegen die gleiche Priorität wie der Brandschutz.

Seit 2003 gelten im Gebiet der Europäischen Union einheitliche Normen für die Beschlagsausstattung von Fluchttüren.

Verschlusssysteme (Schloss, Beschlag und Zubehör) dürfen nur als Einheit geprüft, gekennzeichnet und montiert werden. Die Verantwortung für die ordnungsgemäße Zusammenstellung und Montage obliegt dem Montagebetrieb. Die original Schüco Verschlusssystem-Kombinationen entsprechen diesen Anforderungen.

Wichtig für die Baupraxis: Sowohl Notausgänge als auch Paniktüren müssen bei der Bauplanung und Bauabnahme explizit Berücksichtigung finden und dürfen nur noch mit komplett ausgestatteten Verschlusssystemen eingebaut werden.

In Deutschland wurden die DIN EN 179 und DIN EN 1125 nicht in den Landesbauordnungen der einzelnen Bundesländer verankert. Trotz dieser Tatsache wird der Einsatz von Fluchttürsystemen empfohlen, da beide Normen den Stand der Technik widerspiegeln.

Schloss, Beschlag und Montagezubehör werden gemeinsam geprüft – alle Produkte sind deshalb entsprechend zu kennzeichnen.

Laut Norm dürfen Türen mit einem Flügelgewicht von ≤ 200 kg und einer Größe von minimal 0,8 m x 1,6 m (B x H) bzw. 1,6 m x 1,6 m für eine 2-flügelige Tür und maximal 1,3 m x 2,5 m (B x H) bzw. 2,6 m x 2,5 m geplant und ausgeführt werden. Abweichungen müssen separat genehmigt werden.

As part of a Europe-wide standardisation of important safety regulations, the planning of escape routes has now been accorded the same priority level as fire protection.

Since 2003, uniform standards have applied within the Europen Union to the fittings on emergency exit doors.

Locking systems (lock, fittings and accessories) must be tested, labelled and mounted as a unit. The installer is responsible for correct assembly and installation. The original Schüco locking system combinations conform to these requirements.

An important consideration for building practice is that both emergency exits and panic doors must be taken into account explicitly in building design and at sign-off, and they must only be installed with complete lock systems.

In Germany, DIN EN 179 and DIN EN 1125 have not been incorporated into the regional building regulations of individual German states. Despite this, the the use of emergency exit door systems is recommended, as both standards reflect the very latest technology.

The lock, fittings and installation accessories are tested as a complete unit – all products must therefore be identified accordingly.

In accordance with the standard, doors must be designed and built with a leaf weight of ≤ 200 kg and minimum dimensions of 0.8 m x 1.6 m (W x H) or 1.6 m x 1.6 m for a double-leaf door, and maximum 1.3 m x 2.5 m (W x H) or 2.6 m x 2.5 m. Variations must be approved separately.

Notausgänge nach DIN EN 179
Emergency exit doors in accordance with DIN EN 179

Notausgänge
Notausgänge nach DIN EN 179 sind bestimmt für Gebäude, die keinem öffentlichen Publikumsverkehr unterliegen und deren Besucher die Funktion von Fluchttüren kennen. Dies können z. B. auch Nebenausgänge in öffentlichen Gebäuden sein, die ausschließlich von berechtigten Personen genutzt werden.

Bei diesen Türanlagen sind Drücker oder Stoßplatten als Bedienelemente vorgeschrieben. Das freie Ende des Türdrückers muss so ausgeführt sein, dass es zur Oberfläche des Türflügels zeigt, um ein Verletzungsrisiko zu vermeiden.

Emergency exit doors
In accordance with DIN EN 179, emergency exit doors are designed for buildings which are not open to the general public and where visitors are familiar with such doors. Such doors can include side exits in public buildings, which are used solely by authorised persons.

Door systems such as these must be operable either by lever handles or push pad handles. To avoid risk of injury, these handles must be designed with the end of the handle pointing towards the surface of the door leaf.

Paniktüren nach DIN EN 1125
Panic doors in accordance with DIN EN 1125

Paniktüren
Paniktüren nach DIN EN 1125 hingegen sind bestimmt für öffentliche Gebäude wie z. B. Krankenhäuser, Schulen, Flughäfen oder Einkaufszentren, bei denen die Besucher die Funktion der Fluchttüren nicht kennen, diese aber im Notfall intuitiv auch ohne Einweisung betätigen müssen.

An Paniktüren nach DIN EN 1125 sind Stangengriffe oder Druckstangen vorgeschrieben. Diese sind auf der Fluchtseite der Tür anzubringen. Auf der Außenseite sind Drücker oder Stoßgriffe einsetzbar.

Bei 2-flügeligen Vollpaniktüren ist am Standflügel ebenfalls ein Stangengriff einzusetzen.

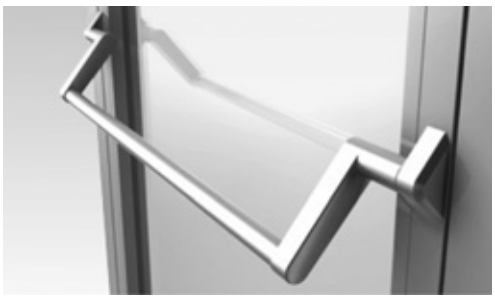
Panic doors
In accordance with DIN EN 1125, panic doors are designed for public buildings such as hospitals, schools, airports or shopping centres, where visitors are not familiar with the operation of emergency exit doors, but must still be able to use them in an emergency without prior training.

Lever action bars or push bars must be fitted to panic doors to comply with DIN EN 1125. These must be fitted to the escape route side of the door. Lever handles or push bar handles must be fitted to the exterior.

A push bar handle must also be fitted on the secondary leaf of double-leaf full panic doors.

Paniktürverschlüsse
Panic door locks

Fluchttürsicherung
Emergency exit switch

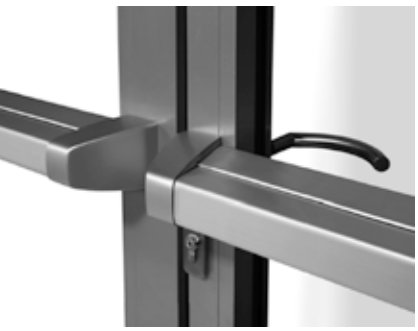


Paniktürverschlüsse nach DIN EN 1125/DIN EN 179

Um den Anforderungen der DIN EN 179 und vor allem der DIN EN 1125 gerecht zu werden, bietet Schüco ein komplettes, abgestimmtes System von Antipanikbeschlägen an. Zusammen mit der neuen Generation der selbstverriegelnden Riegel-Fallen-Schlösser ergeben die formschönen, hochwertigen Stangengriffe und Drücker eine komplette Antipanikeinheit für 1- und 2-flügelige Türen nach DIN EN 1125. Die überarbeitete Generation der Stangengriffe ist aufgrund des hochwertigen, stabilen Getriebes noch widerstandsfähiger gegen Vandalismus.

Panic door locks in accordance with DIN EN 1125/DIN EN 179

To meet the requirements of DIN EN 179 and in particular DIN EN 1125, Schüco offers a fully integrated system of panic exit fittings. When combined with the new generation of self-locking latch-and-bolt locks, these attractive, high-quality push bar handles create a complete panic unit for single-leaf and double-leaf doors in accordance with DIN EN 1125. The new, improved generation of push bar handles is even more resistant to vandalism due to the high-quality, robust gearbox.



Die Schüco Druckstange als Design-Variante
The Schüco feature touch bar

Druckstange

- Für Anforderungen nach DIN EN 1125
- DIN links und rechts verwendbar
- Mit Lochung: Profilzylinder 72 mm oder in ungelochter Ausführung
- Mit integriertem Getriebe

Touch bar

- For requirements in accordance with DIN EN 1125
- Can be used DIN LH and RH
- With recess: 72 mm profile cylinder; or without recess
- With integrated gearbox

Ausführung Design	Material Material	Farbe Colour	Art.-Nr. Art. No.
Druckstange Touch bar 758 mm – 1158 mm	Alu	C0	**240 224**
	Inox	–	**240 228**
Druckstange Touch bar 1058 mm – 1458 mm	Alu	C0	**240 225**
	Inox	–	**240 229**

Elektrisch verriegelte Druckstange (EVT) für Fluchtsysteme nach EN 1125
Push bar with electric locking for escape route systems in accordance with EN 1125

Elektrisch verriegelte Druckstange (EVT)

- Für Anforderungen nach DIN EN 1125
- Für 1- und 2-flügelige Fluchttüren
- Die integrierte LED-Anzeige signalisiert den Status „Verriegelung“ bzw. „Entriegelung“

Push bar with electric locking

- For requirements in accordance with DIN EN 1125
- For single and double-leaf emergency exit doors
- The integrated LED display indicates the status “Lock” and “Unlock”

Ausführung Design	Material Material	Farbe Colour	Art.-Nr. Art. No.
Druckstange Touch bar DIN LS DIN LH	Alu	C0	**240 515**
	Inox	–	**240 517**
Druckstange Touch bar DIN RS DIN RH	Alu	C0	**240 516**
	Inox	–	**240 518**

Ausführung in Aluminium
Aluminium design

Stangengriff

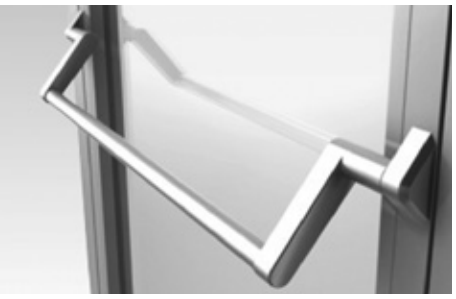
- Für Anforderungen nach DIN EN 1125
- DIN links und rechts verwendbar
- Für nach außen öffnende 1- und 2-flügelige Türen
- Drückernuss □ 9 mm

Ausführung Design	Material Material	Farbe Colour	Art.-Nr. Art. No.
mit Profilzylinderlochung With profile cylinder recess 1150 mm	Alu	C0	**240 192**
	Inox	–	**240 193**
ohne Profilzylinderlochung Without profile cylinder recess 1150 mm	Alu	C0	**240 194**
	Inox	–	**240 195**

Ausführung in Inox
Stainless steel design

Push bar

- For requirements in accordance with DIN EN 1125
- Can be used DIN LH and RH
- For outward-opening, single and double-leaf doors
- Spindle □ 9 mm



Stangengriff mit einstellbarem Anschlag für Fluchttürsysteme nach EN 1125
Push bar with adjustable stop for emergency exit systems in accordance with EN 1125

Stangengriff mit einstellbaren Anschlag

- Für Anforderungen nach DIN EN 1125
- DIN links und rechts verwendbar
- Für 1- und 2-flügelige Fluchttüren
- Drückernuss □ 9 mm

Material Material	Farbe Colour	Art.-Nr. Art. No.
Inox	–	**240 460**

Push bar handle with adjustable end stop

- For requirements in accordance with DIN EN 1125
- Can be used DIN LH and RH
- For single and double-leaf emergency exit doors
- Spindle □ 9 mm

Türdrücker für Antipanikschlösser

- Mit Rückholfeder und verdeckt liegender Befestigung
- Die eingebaute Rückholfeder sorgt immer für einen waagerechten Sitz
- Drückerstift □ 9 mm

Door handles for panic locks

- With return spring and concealed fixing
- The built-in return spring ensures the handle always maintains a horizontal position
- Spindle □ 9 mm

Gerade Ausführung, ovale Rosette
Straight design, oval rosette

Material Material	Farbe Colour	Art.-Nr. Art. No.
Alu	C0	**240 160**
Alu	RAL 9005	**240 161**
Alu	RAL 9010	**240 162**
Alu	RAL 9016	**240 163**
Inox	–	**240 186**

Gekröpfte Ausführung, ovale Rosette, empfohlen vom GUVV
Cranked design, oval rosette, recommended by GUVV

Material Material	Farbe Colour	Art.-Nr. Art. No.
Alu	C0	**240 164**
Alu	RAL 9005	**240 165**
Alu	RAL 9010	**240 166**
Alu	RAL 9016	**240 167**
Inox	–	**240 191**

Gerade Ausführung, rechteckige Rosette
Straight design, rectangular rosette

Material Material	Farbe Colour	Art.-Nr. Art. No.
Inox	–	**240 295**

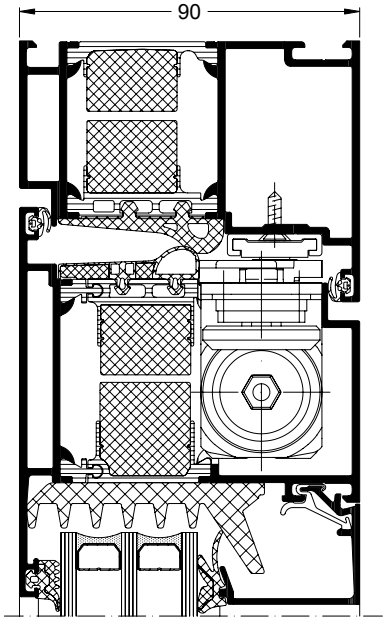
Gekröpfte Ausführung, rechteckige Rosette
Cranked design, rectangular rosette

Material Material	Farbe Colour	Art.-Nr. Art. No.
Inox	–	**240 296**

Magnetischer Türstopper
Der bodenflache Türstopper ist zugelassen für Flucht- und Rettungswege. Durch den am Boden flächenbündigen Einbau stellt er keine Stolperfalle dar und ist aufgrund seiner massiven Bauweise besonders empfehlenswert für den Einsatz in öffentlichen Gebäuden. Er ist nachrüstbar und wartungsfrei.

Magnetic door stop
The door stop that is flush to the floor has been approved for emergency exits and escape routes. As it is installed flush to the floor, it does not present a tripping hazard and its solid construction makes it highly recommended for use in public buildings. It is maintenance-free and can be retrofitted.

Für Fluchtwege empfohlen:
der bodenflache Türstopper
Recommended for escape routes:
the door stopper that is flush to the floor

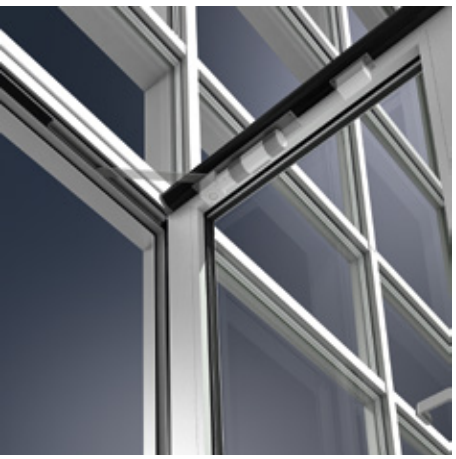


Integrierter Obentürschließer mit flacher Gleitschiene (ITS 96)
Durch die Verbindung eines Schüco Türsystems mit dem dem integrierten Obentüschließer mit flacher Gleitschiene (ITS 96) ergibt sich eine optimale Kombination aus Energieeffizienz, moderner Technik und höchsten Ansprüchen. Der Obentürschließer ist vollkommen verdeckt liegend und bei geschlossener Tür nicht sichtbar.

Schüco Tür ADS 90.SI mit integriertem Obentürschließer mit flacher Gleitschiene (ITS)
Schüco Door ADS 90.SI with integrated top door closer with flat slide rail (ITS)

Maßstab 1:2
Scale 1:2

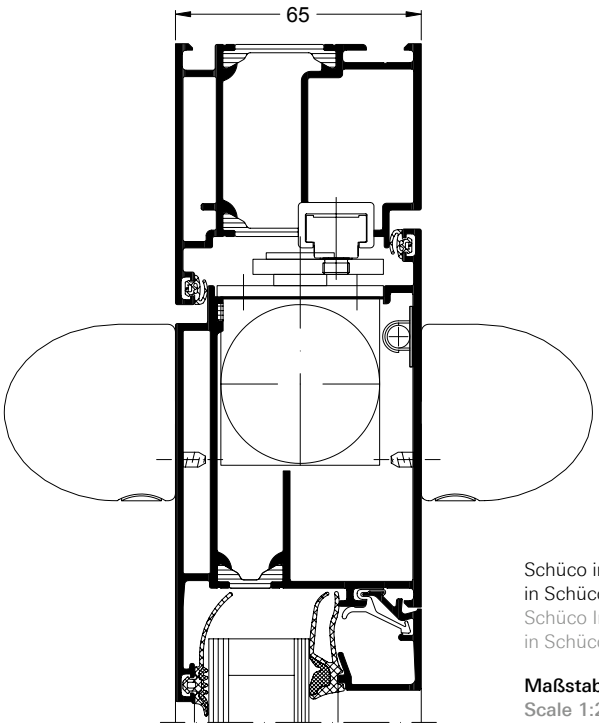
Integrated top door closer with flat slide rail (ITS 96)
The connection of a Schüco door system with the integrated top door closer with flat slide rail (ITS 96) results in the perfect combination of energy efficiency, modern technology and the highest standards. The top door closer is completely concealed and is not visible when the door is shut.



Schüco integrierter
Drehtürantrieb ID 160
Schüco Integrated
Side-Hung Door Drive ID 160

Schüco integrierter Drehtürantrieb (ID)
Mit den in das Flügelrahmenprofil integrierten Drehtürantrieben Schüco ID 80, ID 120 und ID 160 bietet Schüco eine nach DIN 18650 bzw. EN 16005 komplett geprüfte Systeminnovation für automatisierte 1- und 2-flügelige Türanlagen mit Flügelgewichten bis 160 kg. Zusammen mit dem nahezu geräuschlosen Fahrverhalten sind die Antriebe damit sowohl für den Einsatz im privaten Wohnungsbau als auch im gewerblichen und öffentlichen Objektbereich bestens geeignet.

Schüco integrated side-hung door drive (ID)
With the Schüco ID 80, ID 120 and ID 160 side-hung door drives, which are integrated in the leaf frame profile, Schüco is offering a system innovation that has been fully tested in accordance with DIN 18650 and EN 16005 for automated single and double-leaf door systems with leaf weights of up to 160 kg. The almost silent operation of the drives makes them ideally suited for use in private homes, as well as in large commercial and public building projects.



Schüco integrierter Drehtürantrieb ID 120
in Schüco Tür ADS 65
Schüco Integrated Side-Hung Door Drive ID 120
in Schüco Door ADS 65

Maßstab 1:2
Scale 1:2

Schüco Door Control System (DCS)
Schüco Door Control System (DCS)

Das Schüco DCS (Door Control System) bietet auf Basis höchster Modularität ein komplett profilintegriertes, flächenbündiges Türmanagementsystem, das anspruchsvolles Design mit neuester Technologie kombiniert
Based on the highest levels of modularity, the Schüco DCS (Door Control System) offers a complete profile-integrated, flush-fitted door management system, which combines sophisticated design with the latest technology

Schüco DCS Türmanagement
Schüco DCS door management

Das mit zwei renommierten Design-Preisen ausgezeichnete System setzt neue Maßstäbe im Bereich Türmanagement. Die flächenbündige Optik fügt sich harmonisch ein in das Gesamtbild der Türanlage.
Eine Oberfläche aus hinterdrucktem Glas verleiht dem System einen ganzheitlichen, edlen Charakter. Nicht zuletzt überzeugt das Schüco DCS durch ein innovatives Montagekonzept, das eine einfache Montage der einzelnen Komponenten in kürzester Zeit ermöglicht.

The system is setting new standards in door management. The flush-fitted appearance blends in seamlessly with the overall design of the door system. A glass surface which is printed black on the back gives the system a uniform, stylish character. The Schüco DCS also features an innovative installation concept, which means the individual components can be installed easily in the shortest time.

Schüco Tür für den gehobenen Wohnungsbau mit Eingangsbeleuchtung (DCS)
Schüco door for luxury homes with entrance lighting (DCS)

Das Schüco DCS bietet zusätzlich einen hohen Grad an System-Modularität. Einheitliche Modulmaße und variable Längen im Bereich der Füllelemente ermöglichen einen größtmöglichen individuellen Gestaltungsspielraum. Ob Neubau oder Renovierungsobjekt: Durch unterschiedliche Profilgeometrien ist der Schüco DCS-Pfosten in beiden Objekttypen einsetzbar. Das Schüco DCS gliedert sich funktional in drei Produktfamilien: Zutrittskontrolle, Fluchttürsicherung und Türkommunikation.

The Schüco DCS also offers a high degree of system modularity. Uniform module dimensions and variable lengths for the infill units create the greatest possible individual design freedom. Whether for a newbuild or renovation project, the Schüco DCS unit is well suited to both project types thanks to the different profile geometries. The Schüco DCS is divided into three product families: access control, emergency exit control and door communication.

Für den Bereich der Zutrittskontrolle hält Schüco Lösungen für den gehobenen Wohnungsbau und für Großobjekte bereit. Die Bedienung erfolgt wahlweise über Kartenleser, Tastatur oder Biometrie.

For access control, Schüco has solutions for luxury homes and for large projects. The system can be operated by means of a card reader, keypad or biometrics.

Schüco Door Control System Komponenten
Schüco Door Control System components

product design award
2012

reddot design award winner 2012

Ausgezeichnet:
Schüco Door Control System (DCS)
Award-winning:
Schüco Door Control System (DCS)

Mit der Schüco DCS Fluchttürsicherung und den Komponenten Schlüsselschalter, Nottaster und dem zugehörigen Hinweisschild zeigt Schüco eindrucksvoll, dass zertifizierte Sicherheitstechnik und ansprechende Optik keinen Widerspruch darstellen müssen. Ergänzt wird das Schüco DCS nun um das Thema Türkommunikation.
Die an der Tür sichtbaren Module Klingeltaster, Gegensprechanlage und Videokamera bilden zusammen mit Türkommunikationssteuerung und Innenstationen ein skalierbares, leistungsstarkes Türkommunikationssystem.

Schüco demonstrates that certified security technology and attractive design are not necessarily mutually exclusive with its Schüco DCS emergency exit control system and the key-operated switch, emergency button and accompanying sign.
The Schüco DCS is now supplemented by door communication.
The door bell, intercom system and video camera modules visible on the door, in conjunction with the door communication control unit and interior stations, form a scalable, high-performance door communication system.

Eigenschaften und Vorteile	Features and benefits
▪ Modulares Türmanagementsystem	▪ Modular door management system
▪ Profilintegrierte, flächenbündige Komponenten	▪ Profile-integrated, flush-fitted components
▪ Einheitliche, stilvolle Designführung	▪ Uniform, stylish design
▪ Edle Glasoberflächen	▪ Stylish glass surfaces
▪ Optimiertes, erweitertes Produktportfolio	▪ Optimised, extended product range
▪ Neueste Technologien	▪ The latest technology
▪ Einfaches Montagekonzept	▪ Simple installation concept

Zubehör
Accessories

252 Fensterbeschläge
Window fittings
268 Türbeschläge
Door fittings

Beschläge und Zubehör
Fittings and accessories

294 Zubehör
Accessories

296 Fenstergriffe und Türdrücker
Window and door handles

310 Lüftungslösungen von Schüco
Schüco ventilation solutions

Schüco Griff-Designlinie
Schüco range of feature handles

Ein durchgängiges Griffdesign für alle Anwendungsbereiche
A uniform handle design for all areas of use

Ein Griffdesign für alle Anwendungsbereiche
Eine universell einsetzbare Griff-Familie mit durchgängiger Designlinie – diese Anforderung aus dem Gewerbe-, Objekt- und Wohnungsbau erfüllt die Schüco Griff-Designlinie in perfekter Weise. Ihre Kombination aus klarer Formensprache in aktuell zeitlosem Design und effizienter Technik ermöglicht einen Einsatz für alle Tür- und Fenstersysteme, in mechanischer oder elektrischer Ausführung.

A handle design for all areas of use
A range of handles for all uses with one uniform style – the Schüco range of feature handles perfectly meets this requirement for residential, project and commercial construction. The combination of a clear, timeless design and efficient technology means it can be used for all door and window systems, both manually operated and electrical.

Ausgezeichnet: die Schüco Griff-Designlinie
Award-winning: the Schüco range of feature handles

iF product design award 2006
Das durchgängige Designkonzept überzeugte auch das renommierte Industrie Forum Design in Hannover: die Schüco Griff-Designlinie erhielt den begehrten iF-Award 2006.

iF product design award 2006
The uniform design concept also impressed the renowned Industry Forum Design in Hanover: the Schüco range of feature handles was awarded the prestigious iF Award in 2006.

Schüco Griff-Familie – Fenster
Schüco range of handles for windows

Fenstergriff, Standard
Standard window handle

Farbe Colour	Art.-Nr. Art. No.
C0	**247 001**
RAL 9005	**247 002**
RAL 9010	**247 003**
RAL 9016	**247 004**
Inox	**247 005**
Inox-Look	**247 006**

Sicherheits-Fenstergriff, abschließbar
Lockable security window handle

Farbe Colour	Art.-Nr. Art. No.
C0	**247 033**
RAL 9005	**247 034**
RAL 9010	**247 035**
RAL 9016	**247 036**
Inox-Look	**247 038**

Sicherheits-Fenstergriff mit Sperrtaste
Security window handle with push-button lock

Farbe Colour	Art.-Nr. Art. No.
C0	**247 289**
RAL 9005	**247 290**
RAL 9010	**247 291**
RAL 9016	**247 292**
Inox-Look	**247 294**

Fenstersteckgriff, abschließbar, Schließzylinder mit 2 Schaltstufen
Lockable push-in window handle, locking cylinder with 2 regulating levels

Farbe Colour	Art.-Nr. Art. No.
C0	**247 656**
RAL 9005	**247 657**
RAL 9010	**247 658**
RAL 9016	**247 659**
Inox-Look	**247 660**

Fenstergriff, kurz, zum Schutz vor Vandalismus
Short window handle for protection against vandalism

Farbe Colour	Art.-Nr. Art. No.
C0	**247 710**
RAL 9005	**247 711**
RAL 9010	**247 712**
RAL 9016	**247 713**
Inox-Look	**247 714**

Sicherheits-Fenstergriff, kurz, abschließbar zum Schutz vor Vandalismus
Short, lockable, security window handle for protection against vandalism

Farbe Colour	Art.-Nr. Art. No.
C0	**247 680**
RAL 9005	**247 681**
RAL 9010	**247 682**
RAL 9016	**247 683**
Inox-Look	**247 684**

Schüco Griff-Familie – Türen
Schüco range of handles for doors

Türdrücker für Rohrrahmentüren, gerade Ausführung
Door handle for tubular frame doors, straight design

Farbe Colour	Art.-Nr. Art. No.
C0	**240 152**
RAL 9005	**240 153**
RAL 9010	**240 154**
RAL 9016	**240 155**
Inox	**240 168**

Türdrücker für Rohrrahmentüren, gekröpfte Ausführung, empfohlen vom GUVV
Door handle for tubular frame doors, cranked design, recommended by GUVV

Farbe Colour	Art.-Nr. Art. No.
C0	**240 156**
RAL 9005	**240 157**
RAL 9010	**240 158**
RAL 9016	**240 159**
Inox	**240 169**

Türdrücker für Antipanikschlösser, gerade Ausführung
Door handle for panic locks, straight design

Farbe Colour	Art.-Nr. Art. No.
C0	**240 160**
RAL 9005	**240 161**
RAL 9010	**240 162**
RAL 9016	**240 163**
Inox	**240 186**

Türdrücker für Antipanikschlösser, gekröpfte Ausführung, empfohlen vom GUVV
Door handle for panic locks, cranked design, recommended by GUVV

Farbe Colour	Art.-Nr. Art. No.
C0	**240 164**
RAL 9005	**240 165**
RAL 9010	**240 166**
RAL 9016	**240 167**
Inox	**240 191**

Türdrücker für Rohrrahmentüren, gerade Ausführung, eckige Rosette
Door handle for tubular frame doors, straight design, angular rosette

Material Material	Art.-Nr. Art. No.
Inox	**240 293**

Türdrücker für Rohrrahmentüren, gekröpfte Ausführung, eckige Rosette
Door handle for tubular frame doors, cranked design, angular rosette

Material Material	Art.-Nr. Art. No.
Inox	**240 294**

Türdrücker für Antipanikschlösser, gerade Ausführung, eckige Rosette
Door handle for panic locks, straight design, angular rosette

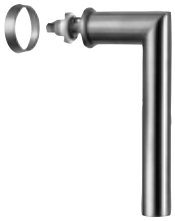
Material Material	Art.-Nr. Art. No.
Inox	**240 295**

Türdrücker für Antipanikschlösser, gekröpfte Ausführung, eckige Rosette
Door handle for panic locks, cranked design, angular rosette

Material Material	Art.-Nr. Art. No.
Inox	**240 296**

FSB Design-Griffe
FSB Design handles

FSB Design 1076



Fenstergriff
Window handle

Türdrücker, gerade Ausführung, ovale Rosette
Door handle, straight design, oval rosette

Türdrücker, gekröpfte Ausführung, ovale Rosette, empfohlen vom GUVV
Door handle, cranked design, oval rosette, recommended by GUVV

Typ Type	Material Material	Farbe Colour	Art.-Nr. Art. No.	Rosette Rosette
Fenstergriff Window handle	Alu	C0	**234 579**	–
	Inox	–	**234 580**	–
Türdrücker gerade Door handle, straight	Alu	C0	**240 032**	218 893
	Inox	–	**240 037**	218 897
Türdrücker gekröpft Door handle, cranked	Alu	C0	**240 033**	218 893
	Inox	–	**240 038**	218 897

FSB Design 1016

Türdrücker, gerade Ausführung, ovale Rosette
Door handle, straight design, oval rosette

Türdrücker, gekröpfte Ausführung, ovale Rosette, empfohlen vom GUVV
Door handle, cranked design, oval rosette, recommended by GUVV

Typ Type	Material Material	Farbe Colour	Art.-Nr. Art. No.	Rosette Rosette
Türdrücker gerade Door handle, straight	Alu	C0	**240 004**	218 893
	Inox	–	**240 009**	218 897
Türdrücker gekröpft Door handle, cranked	Alu	C0	**240 005**	218 893
	Inox	–	**240 010**	218 897

FSB Design 1075

Fenstergriff
Window handle

Türdrücker, gerade Ausführung, ovale Rosette
Door handle, straight design, oval rosette

Türdrücker, gekröpfte Ausführung, ovale Rosette, empfohlen vom GUVV
Door handle, cranked design, oval rosette, recommended by GUVV

Typ Type	Material Material	Farbe Colour	Art.-Nr. Art. No.	Rosette Rosette
Fenstergriff Window handle	Alu	C0	**234 942**	–
	Inox	–	**234 027**	–
Türdrücker gerade Door handle, straight	Alu	C0	**240 022**	218 893
	Inox	–	**240 027**	218 897
Türdrücker gekröpft Door handle, cranked	Alu	C0	**240 023**	218 893
	Inox	–	**240 028**	218 897

FSB Design 1070

Fenstergriff
Window handle

Türdrücker,
gerade Ausführung,
ovale Rosette
Door handle, straight
design, oval rosette

Türdrücker,
gekröpfte Ausführung,
ovale Rosette,
empfohlen vom GUVV
Door handle, cranked
design, oval rosette,
recommended by GUVV

Typ Type	Material Material	Farbe Colour	Art.-Nr. Art. No.	Rosette Rosette
Fenstergriff Window handle	Alu	C0	**234 944**	–
	Inox	–	**234 028**	–
Türdrücker gerade Door handle, straight	Alu	C0	**240 071**	218 893
	Inox	–	**210 713**	218 897
Türdrücker gekröpft Door handle, cranked	Alu	C0	**240 014**	218 893
	Inox	–	**240 018**	218 897

FSB Design 1107

Fenstergriff
Window handle

Typ Type	Material Material	Farbe Colour	Art.-Nr. Art. No.	Rosette Rosette
Fenstergriff Window handle	Alu	C0	**234 946**	–
	Inox	–	**234 947**	–

Rosetten
Rosettes

Eckige Rosette
Square rosette

Eckige Rosette
Die eckige Rosette bietet eine neue Optik an der Tür. Sie besticht durch ihre auf das Wesentliche reduzierte Formgebung und entspricht damit Trends in der internationalen Architektur.

Square rosette
The square rosette gives the door a new kind of look. Its minimalist design is captivating and fits current trends in international architecture.

Material Material	Farbe Colour	Art.-Nr. Art. No.
Inox	–	**240 297**

Profilzylinder-Rosetten
Überzeugen durch einfache Montage und anspruchsvolle Optik. Sie sind kombinierbar mit Türgriffen aus Edelstahl und bieten eine erhöhte Sicherheit. Die Rosette aus Kunststoff wird von außen, im Bereich des Profilzylinders, in die Bohrung eingeklipst. Die Rosette aus Edelstahl wird in die Bohrung eingeklebt. Der von innen eingeschobene Profilzylinder liegt im Türflügel sicher zurück.

Profile cylinder rosettes
Easy installation and an attractive appearance are features which impress. They can be combined with stainless steel door handles and provide increased security. The plastic rosette is clipped into the hole in the profile cylinder from the outside. The stainless steel rosette is bonded into the hole. The profile cylinder, inserted from inside, is well protected in the door leaf.

Material Material	Farbe Colour	Art.-Nr. Art. No.
Kunststoff PVC-U	RAL 9005	**208 761**
Inox	–	**237 963**

rechteckig
rectangular

Sicherheits-Profilezylinderrosette
Mit verdeckter Befestigung. Die Sicherheits-Rosetten sind zweiteilig. Zur Montage wird das Unterteil aufgeschraubt und anschließend das Oberteil über das Unterteil geschoben. Nach der Montage des Profilzylinders sind Ober- und Unterteil fixiert und können nicht mehr abgeschoben werden.

Material Material	Farbe Colour	Art.-Nr. Art. No.
Alu	C0	**218 184**
Alu	RAL 9005	**227 846**

oval
oval

Security profile cylinder rosette
With concealed fixing. The security rosettes consist of two parts. To install them, the bottom part is screwed on and the top part is then pushed over the bottom one. Once the profile cylinder is installed, the top and bottom parts are fixed in place and can no longer be removed.

Material Material	Farbe Colour	Art.-Nr. Art. No.
Alu	C0	**218 236**
Alu	RAL 9005	**227 651**
Alu	RAL 9010	**218 238**
Alu	RAL 9016	**218 239**
Inox	–	**218 908**

rechteckig,
selbstklebend
rectangular,
self-adhesive

Profilzylinderrosette
Die selbstklebenden Profilzylinderrosetten sind einfach zu montieren und sorgen für ein harmonisches Bild an der Tür.

Material Material	Farbe Colour	Art.-Nr. Art. No.
Alu	C0	**218 189**

Profile cylinder rosette
The self-adhesive profile cylinder rosettes are easy to install and ensure the door has a sleek appearance.

oval, selbstklebend
oval, self-adhesive

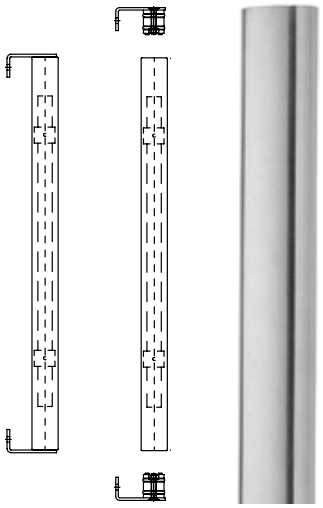
Material Material	Farbe Colour	Art.-Nr. Art. No.
Alu	C0	**227 856**
Alu	RAL 9005	**227 857**
Alu	RAL 9010	**227 858**
Alu	RAL 9016	**227 859**

Blindrosetten
Die Blindrosette wird eingesetzt bei Türen mit Profilzylinder-Fräsung, aber ohne Profilzylinder bzw. Halbzylinder.

Material Material	Farbe Colour	Art.-Nr. Art. No.
Alu	C0	**218 906**
Inox	–	**218 907**

Blank rosettes
The blank rosette is used for doors with a profile cylinder recess, but no profile cylinder or half cylinder.

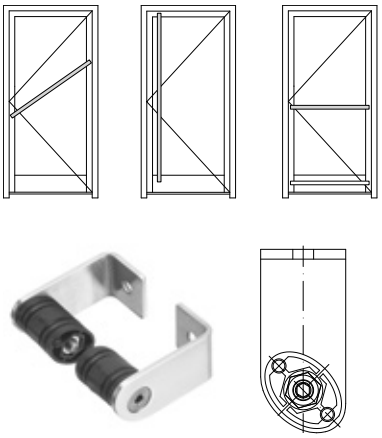
Türgriffe für individuelle Gestaltung
Door handles for individual designs



Türgriffstange der Serie Oval
- Türgriffstange aus oval geformtem Rohr
- ø 40 mm / 28 mm
- Lagerlänge 3 m
- Edelstahl A2
- Zur Eigenfertigung

Oval series door pull bars
- Oval-shaped tubular door pull bar
- ø 40 mm / 28 mm
- Stock length 3 m
- A2 stainless steel
- For customer fabrication

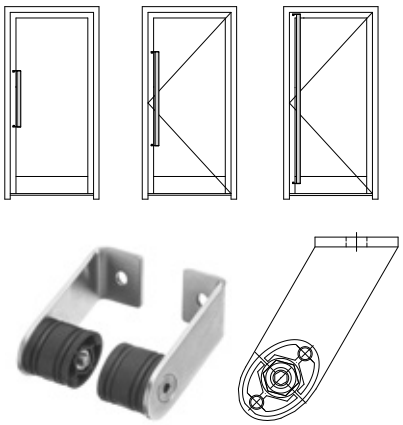
Material Material	Farbe Colour	Art.-Nr. Art. No.
Inox	–	**210 947**



Halter, gerade
- Für Türgriffstange der Serie Oval
- Edelstahl A2

Straight bracket
- For Oval series door pull bars
- A2 stainless steel

Material Material	Farbe Colour	Art.-Nr. Art. No.
Inox	–	**210 948**



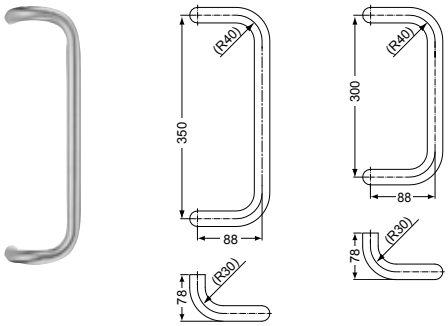
Halter, abgewinkelt (60°)
- Für Türgriffstange der Serie Oval
- Edelstahl A2

Angled bracket (60°)
- For Oval series door pull bars
- A2 stainless steel

Material Material	Farbe Colour	Art.-Nr. Art. No.
Inox	–	**210 949**

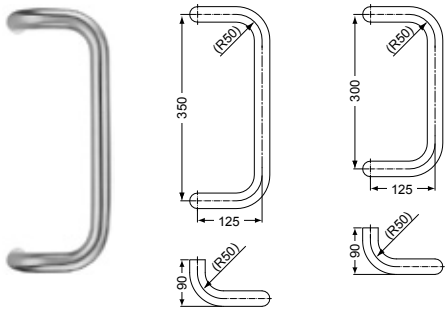
Türgriffe aus Aluminium und Edelstahl
Aluminium and stainless steel door pulls

Türgriff, rechteckig
Door pull, rectangular



Material Material	Farbe Colour	Art.-Nr. Art. No.	Art.-Nr. Art. No.
		Griffhöhe 350 mm Handle height 350 mm	Griffhöhe 300 mm Handle height 300 mm
Alu	C0	**210 808**	**210 802**
Inox	–	**210 813**	**210 807**

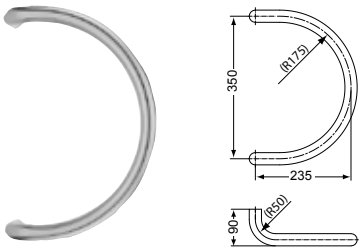
Rundmaterial ø 25 mm
Tubing ø 25 mm



Material Material	Farbe Colour	Art.-Nr. Art. No.	Art.-Nr. Art. No.
		Griffhöhe 350 mm Handle height 350 mm	Griffhöhe 300 mm Handle height 300 mm
Alu	C0	**210 790**	**210 796**
Inox	–	**210 795**	**210 801**

Rundmaterial ø 30 mm
Tubing ø 30 mm

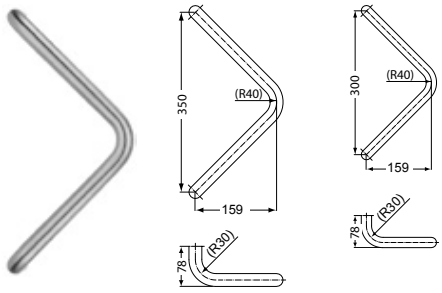
Türgriff, halbrund
Door pull, semi-circular



Material Material	Farbe Colour	Art.-Nr. Art. No.	Art.-Nr. Art. No.
		Griffhöhe 350 mm Handle height 350 mm	Griffhöhe 200 mm Handle height 200 mm
Inox	–	**210 759**	–

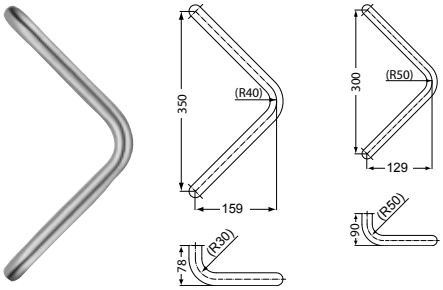
Rundmaterial ø 30 mm
Tubing ø 30 mm

Türgriff, dreieckig
Door pull, triangular



Rundmaterial ø 25 mm
Tubing ø 25 mm

Material Material	Farbe Colour	Art.-Nr. Art. No.	Art.-Nr. Art. No.
		Griffhöhe 350 mm Handle height 350 mm	Griffhöhe 300 mm Handle height 300 mm
Inox	–	**210 771**	**210 777**



Rundmaterial ø 30 mm
Tubing ø 30 mm

Material Material	Farbe Colour	Art.-Nr. Art. No.	Art.-Nr. Art. No.
		Griffhöhe 350 mm Handle height 350 mm	Griffhöhe 300 mm Handle height 300 mm
Inox	–	**210 783**	**210 789**

Stangengriffe aus rund geformtem Rohr

- Edelstahl
- Matt gebürstet
- ø 30 mm
- Mit flacher Endkappe

Push bars made from round tubing

- Stainless steel
- Matt, brushed
- ø 30 mm
- With flat end cap

Länge Length	Art.-Nr. Art. No.
mm	
300	**240 094**
400	**240 095**
500	**240 096**
600	**240 097**
800	**240 098**
1000	**240 099**
1200	**240 100**
1400	**240 101**
1600	**240 102**
1800	**240 103**

Stangengriffe mit Design-Endkappen

Für alle Stangengriffe gilt:

- Edelstahl
- Matt gebürstet
- Länge 500 mm
- ø 30 mm
- 45° abgewinkelt

Push bars with feature end caps

The following applies to all push bars:

- Stainless steel
- Matt, brushed
- Length 500 mm
- ø 30 mm
- Angled at 45°

Endkappe flach, genutet
Flat end cap, grooved

240 104

Endkappe halbrund, genutet
Domed end cap, grooved

240 105

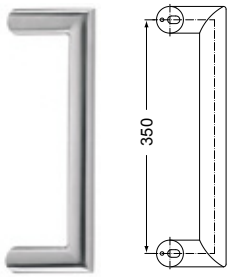
Endkappe schräg
Sloped end cap

240 107

Türgriffe aus oval geformtem Rohr
Für alle Türgriffe gilt:
- Edelstahl
- DIN links und DIN rechts verwendbar
- ø 40 mm / 28 mm

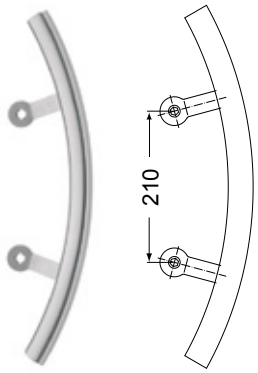
Door pulls made from oval-shaped tubing
The following applies to all door pulls:
- Stainless steel
- Can be used both DIN LH and RH
- ø 40 mm / 28 mm

Türgriff eckig
Square door pull



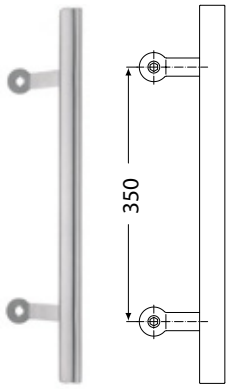
210 940
außen outside
210 941
komplett für innen
und außen
complete for inside
and outside

Türgriff gebogen
Curved door pull



210 938

Türgriff gerade
Straight door pull



210 939

210 714

Türgriff, feststehend
Halbrund, 19 mm dick, aus Edelstahl, mit verdeckt liegender Befestigung

Fixed door pull
Semi-circular, 19 mm thick, stainless steel, with concealed fixing

240 299

Schmaler, feststehender Türgriff
12 mm dick, aus Edelstahl

Narrow, fixed door pull
12 mm thick, stainless steel

Lüftungslösungen von Schüco
Schüco ventilation solutions

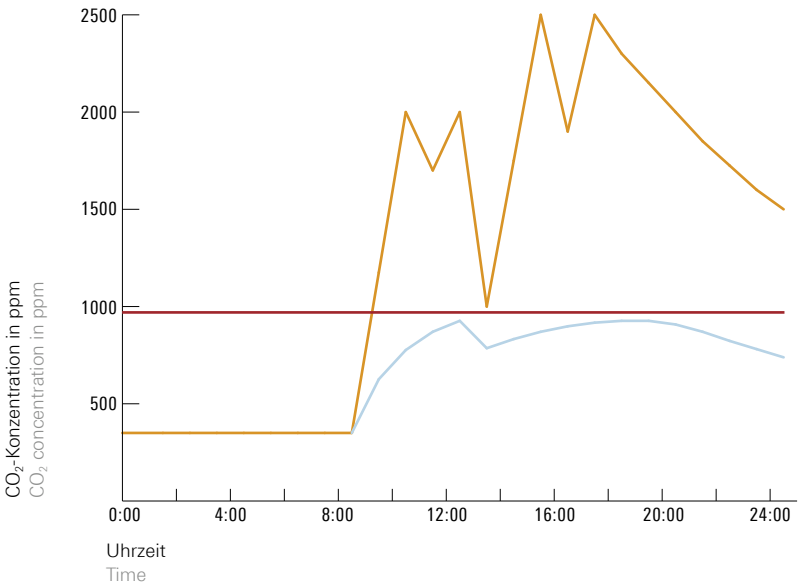
Das Raumklima ist einer der wichtigsten Faktoren wenn es um die Gestaltung eines optimalen Arbeitsplatzes oder Wohnumfeldes geht. Neben Temperatur und Feuchte gibt es einige weitere Parameter die das Raumklima maßgeblich beeinflussen, wie z. B. Schadstoffe und Gerüche.
Die Raumluft in Gebäuden verschlechtert sich ständig durch die Nutzer, durch ihre Aktivitäten sowie durch das Gebäude selbst und seine Einrichtungen. Ein schlechtes Raumklima kann unter anderem zu Kopfschmerzen und Konzentrationsschwächen führen. Regelmäßige und ausreichende Lüftung ist daher sehr wichtig. Bei Wohngebäuden muss zudem der für den Feuchteschutz (Schimmelpilzvermeidung) notwendige Außenluft-Volumenstrom nutzerunabhängig sichergestellt werden.

The indoor climate is one of the most important factors in designing an ideal work or living space. As well as temperature and humidity, there are a few other parameters that have a significant influence on the indoor climate, e.g. pollutants and odours.
The ambient air in buildings is made worse by the activity of users, the building itself and its facilities. A poor indoor climate can result in headaches and lapses in concentration. Regular and sufficient ventilation is therefore very important. In residential buildings the volume of external air required to prevent damp (avoidance of mould) can also be ensured depending on the users.

Verlauf der CO_2-Konzentrationen in einem typischen Büro während der Arbeitszeit mit/ohne Lüftungsgerät
Progression of CO_2 concentrations in a typical office during working hours with/without ventilation device

Legende
Key

- CO_2-Konzentration bei Fensterlüftung
  CO_2 concentration for window ventilation
- CO_2-Konzentration mit Lüftungsgerät
  CO_2 concentration with ventilation device
- Behaglichkeitsgrenze
  Comfort threshold



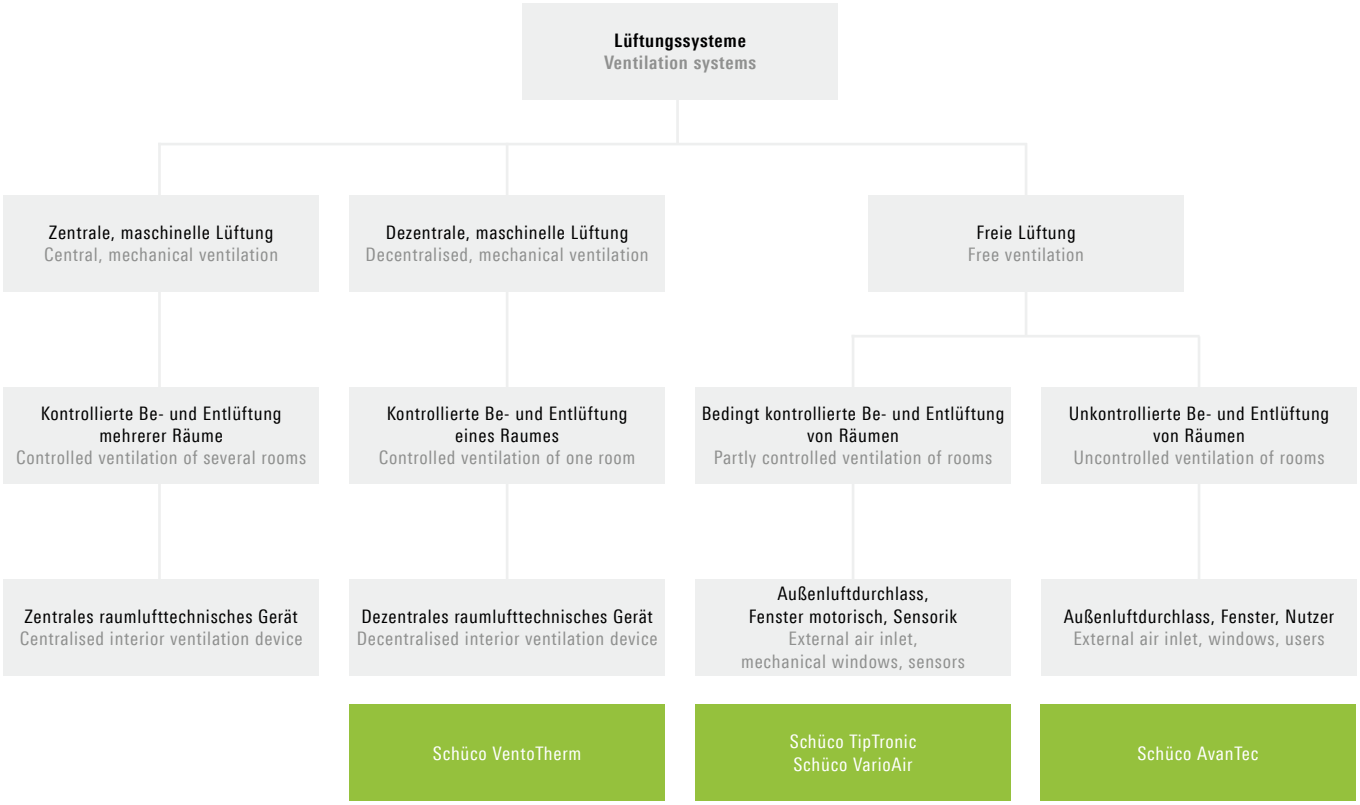
Eine gute Luftqualität führt also zu einer besseren Arbeitsleistung der Nutzer und der Einsatz einer kontrollierten Lüftung macht sich so schnell bezahlt. Zudem wird der Schutz und Werterhalt des Bauwerks sichergestellt.

Good air quality results in users working better, the use of controlled ventilation therefore quickly proves its worth. In addition, it ensures that the building is protected and retains its value.

Auswahl der richtigen Lüftungstechnik
Selection of the correct ventilation technology

Bei der Auswahl der passenden Lüftungstechnik steht man prinzipiell vor den folgenden Fragen: Natürliche und/oder mechanische Lüftung? Zentrale oder dezentrale Anlage? Dabei sind die unterschiedlichen individuellen Anforderungen für das Objekt zu berücksichtigen.

When selecting suitable ventilation technology, the following questions arise: natural and/or mechanical ventilation? Centralised or decentralised system? The different individual requirements of the project also have to be considered.



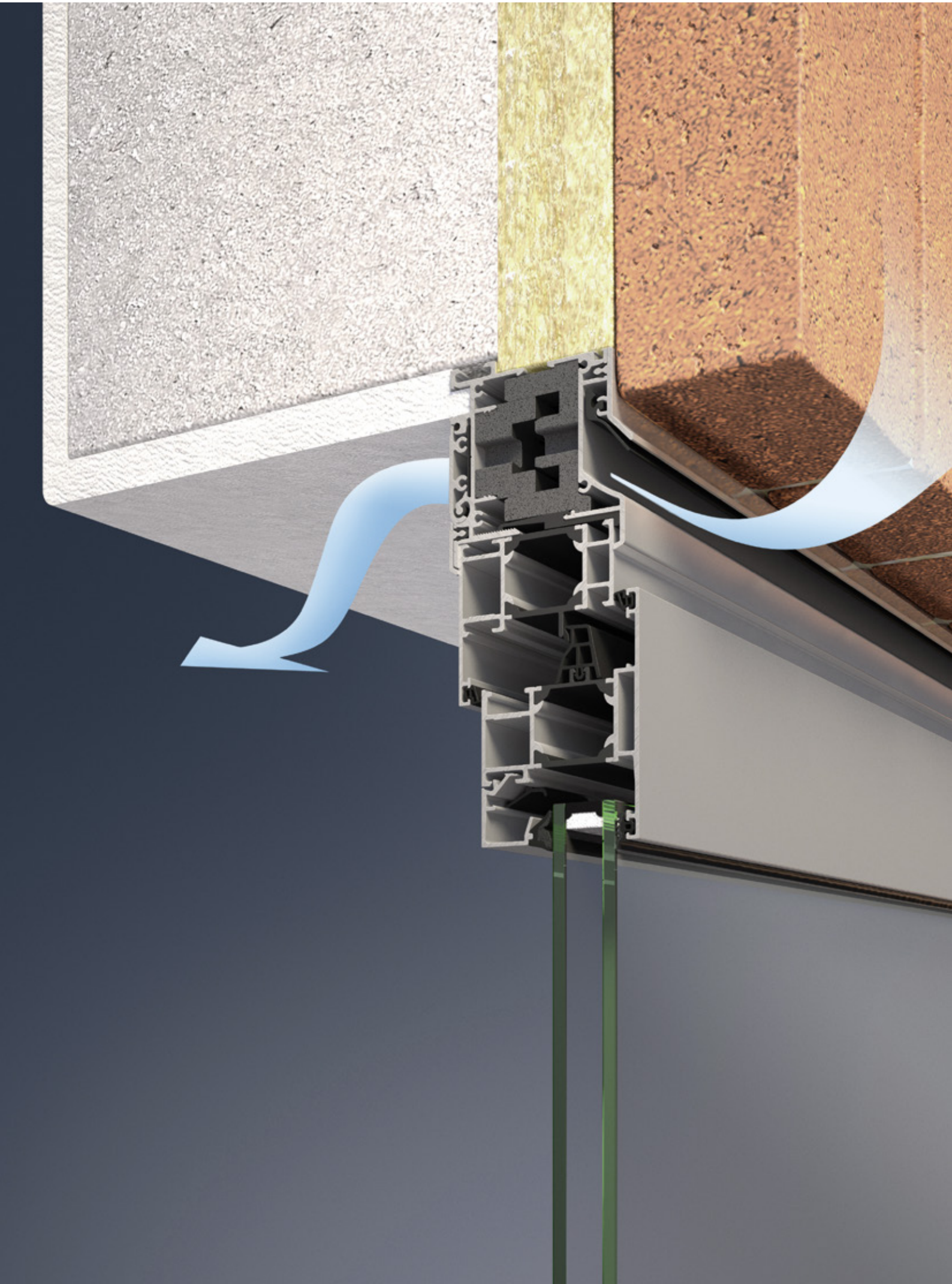
Quelle: VDI 3804
Source: VDI 3804

Dezentrale Lüftungsanlagen
Decentralised ventilation systems

Dezentrale Lüftungssysteme bieten sich vor allem in der Sanierung an, oder in Gebäuden bei denen die Verlegung der Luftkanäle von den einzelnen Räumen zur zentralen Anlage problematisch oder unwirtschaftlich ist.

Decentralised ventilation systems offer themselves above all to renovations or buildings in which laying air ducts from the individual rooms to the central system is problematic or uneconomical.

Eigenschaften und Vorteile	Features and benefits
▪ Integration in Fenster und Fassade, keine Zwischendeckenmontage notwenig ▪ Einsparung von Technikflächen und Geschosshöhe, ideal auch für Sanierungsprojekte ▪ Kurze Luftwege ▪ Hohe Hygiene und geringer Energieeinsatz, keine Aufwändige Reinigung des Kanalnetzes erforderlich ▪ Kompatibel zu vielen Schüco Systemen ▪ Vielseitig einsetzbar und einfach verarbeitbar durch unsere Partner ▪ Raumweise Installation ▪ Einfache Raumumnutzung und verbrauchsabhängige Abrechnung ▪ Zu öffnende Fenster lassen sich in das Lüftungskonzept integrieren ▪ Wirtschaftliche Auslegung der Lüftung bei gleichzeitig maximal möglichem Luftwechsel ▪ Nahezu unsichtbare Luftein- und -auslässe ▪ Integration ins optische Raumbild ist möglich ▪ Einfache Planung ohne Rohrnetzberechnung ▪ Sicher der Planungsverantwortung gerecht werden	▪ Integration into window and façade, installation in the intermediate floor not required ▪ Saves equipment space and storey height, also ideal for renovation projects ▪ Short air routes ▪ Very hygienic and low energy use, no complex cleaning of the duct network required ▪ Compatible with many Schüco systems ▪ Varied uses and easy for our partners to fabricate ▪ Installation in rooms ▪ Simple room conversion and consumption-dependent billing ▪ Windows to be opened can be integrated into the ventilation concept ▪ Economical design of the ventilation whilst maximising the exchange of air ▪ Almost invisible air inlets and outlets ▪ Integration into the visual design of the room is possible ▪ Simple planning without calculation of the pipe network ▪ Meet planning responsibilities safely

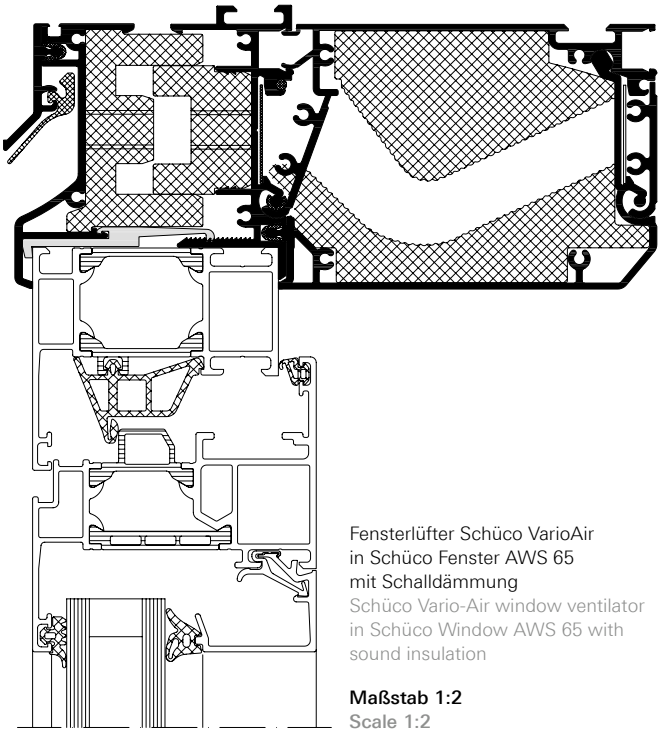


Fensterlüfter Schüco VarioAir
Schüco VarioAir window ventilator

Mit dem regelbaren Fensterlüfter bietet Schüco einen für den Wohnungsbau geeigneten Dauerlüfter an. Dank selbstregulierender Lüftungsklappe reagiert der Fensterlüfter eigenständig auf Winddruckänderungen am und um das Gebäude und sorgt so für einen kontrollierten Luftwechsel ohne Zugerscheinungen.

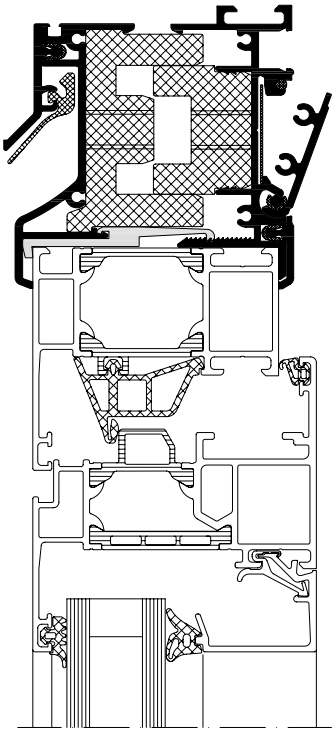
With the controllable window ventilator Schüco is providing a continuous ventilator suitable for residential buildings. Thanks to self-regulating opening vents, the window ventilator reacts independently to changes in wind load on and around the building and thus provides a controlled exchange of air without draughts.

Eigenschaften und Vorteile	Features and benefits
▪ Für einfache Lüftungskonzepte ohne Wärmerückgewinnung mit geringen Investitionskosten ▪ Auf Maß ausgelieferter Fensterlüfter für Elemente bis 205 mm Profilbautiefe ▪ Selbstregulierende Lüftungsklappe verhindert Zugerscheinungen bei hohen Windgeschwindigkeiten ▪ Sichere Funktion und Passgenauigkeit durch Lieferung auf Maß ▪ Optional mit Schalldämpfer, sodass eine angenehme Lüftung auch bei Außengeräuschen möglich ist ▪ Integrierter reinigbarer Insektenschutz	▪ For simple ventilation concepts without heat recovery and low investment costs ▪ Made to measure window ventilator for units with a basic profile depth of up to 205 mm ▪ Self-regulating opening vent prevents draughts in strong winds ▪ Reliable operation and accuracy of fit due to made to measure supply ▪ Available with sound absorbers so pleasant ventilation is possible even when it is noisy outside ▪ Integrated easy-to-clean flyscreen



Fensterlüfter Schüco VarioAir
in Schüco Fenster AWS 65
mit Schalldämmung
Schüco Vario-Air window ventilator
in Schüco Window AWS 65 with
sound insulation

Maßstab 1:2
Scale 1:2



Fensterlüfter Schüco VarioAir
in Schüco Fenster AWS 65
ohne Schalldämmung
Schüco Vario-Air
window ventilator in
Schüco Window AWS 65
without sound insulation

Maßstab 1:2
Scale 1:2

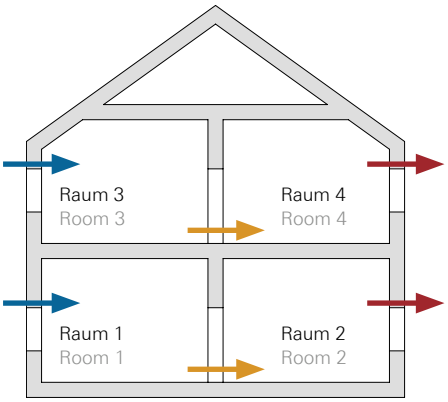
Technische Daten Technical data		
	Mit Schalldämmung With sound insulation	Ohne Schalldämmung Without sound insulation
Bauhöhe Installation height	65 mm	65 mm
Schalldämmung $D_{n,e,w}$ (C;C_{tr}), offen Sound insulation $D_{n,e,w}$ (C;C_{tr}), open	35 (-1; -2) dB	29 (-1; -2) dB
Schalldämmung $D_{n,e,w}$ (C;C_{tr}), geschlossen Sound insulation $D_{n,e,w}$ (C;C_{tr}), closed	43 (-1; -2) dB	33 (-1; -2) dB
Klasse selbstregulierende Lüftung Class of self-regulating ventilation	3	3
Geprüfte Normen Test standard	DIN EN 13141-1	DIN EN 13141-1

Luftaustausch pro 1.000 mm Lüftungsleiste
Freier Querschnitt 150 cm²/lfm
Air exchange per 1,000 mm of ventilation strip
Open cross-section 150 cm²/linear m

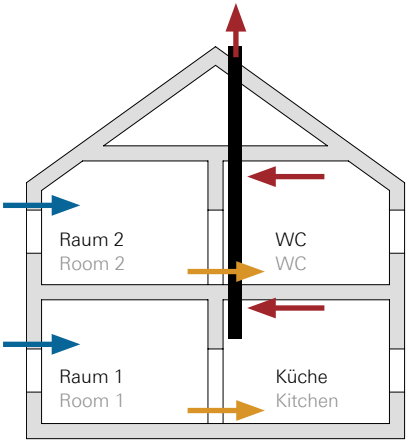
	Fensterlüfter Schüco VarioAir Vario-Air window ventilator							
Druckdifferenz in Pa Pressure difference in Pa	2	4	15	20	45	60	100	200
Luftaustausch in m³/h Air exchange in m³/h	40	47	36	39	24	26	18	12

Hinweis
Die Volumenbegrenzung erfolgt ab 4 Pa
Note
There are volume restrictions over 4 Pa

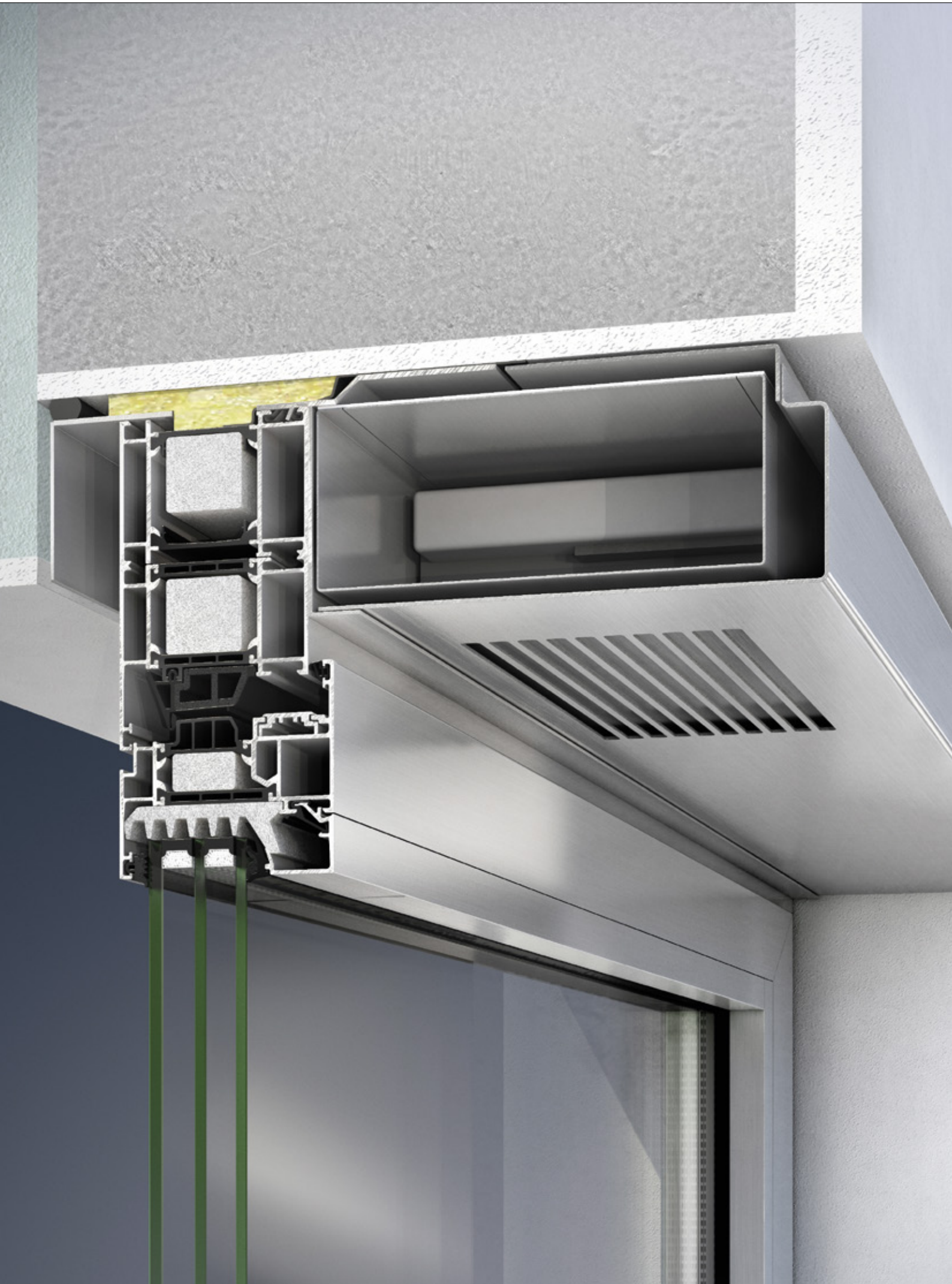
Planungsbeispiele für Lüftungskonzepte
Planning examples for ventilation concepts



Beispiel 1
Querlüftung mit Außenluftdurchlässen
Example 1
Cross ventilation with external air openings



Beispiel 2
Abluftsystem mit Außenluftdurchlässen
Example 2
Extraction system with external air openings



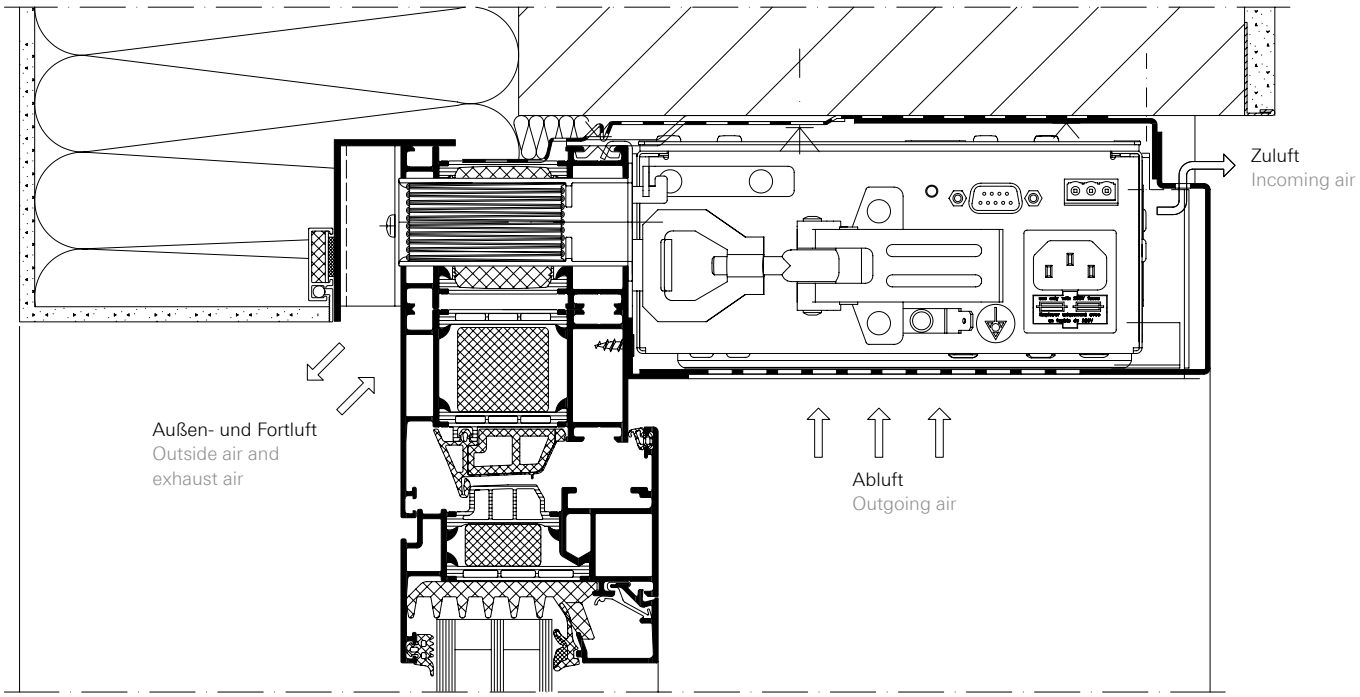
Schüco Lüftungssystem VentoTherm
Schüco VentoTherm ventilation system

Für die Bedienung steht ein schlankes Schaltfeld für die Integration in den Blendrahmen zur Verfügung
A slim control panel is available for integration into the outer frame

Das fensterintegrierte, dezentrale Lüftungssystem mit Wärmerückgewinnung zur Be- und Entlüftung für ein angenehmes Raumklima. Gegenüber der manuellen Lüftung bietet Schüco VentoTherm deutliche Vorteile: Es verhindert Zugluft und Belästigung durch Insekten und sorgt für einen deutlich erhöhten Schall- und Wärmeschutz gegenüber einem gekippten Fenster.

The decentralised ventilation system integrated in the window with heat recovery to create a pleasant indoor climate. Schüco VentoTherm has the following advantages over manual ventilation: it prevents draughts, keeps insects out and ensures significantly greater sound reduction and thermal insulation compared with a tilted window.

Eigenschaften und Vorteile	Features and benefits
▪ Weiterhin optimaler Lichteinfall durch geringe Bauhöhe	▪ Low construction height ensures light penetration remains as high as possible
▪ Ideal für den Einsatz bei Sanierung	▪ Ideal to use for renovations
▪ Wärmerückgewinnung: Verringerung der Lüftungswärmeverluste und angenehme Zulufttemperaturen	▪ Heat recovery: reduction of the heat loss from ventilation and pleasant incoming air temperatures
▪ Energieeeinsparung durch bedarfsgerechte Steuerung mit CO_2/VOC Sensor und Wärmebereitstellungsgrad von bis zu 45 %	▪ Energy savings thanks to demand-led control with CO_2/VOC sensor and heat distribution level of up to 45 %
▪ Pollenfilter (F7) vermeidet Staub und Allergene entsprechend der DIN EN 779 und der EU Feinstaubverordnung	▪ Pollen filter (F7) prevents dust and allergens in accordance with DIN EN 779 and the EU regulations on particulate emissions
▪ Für die Anpassung an das optische Raumbild sind verschiedene Verkleidungsbleche verfügbar	▪ Various cover profiles are available for adaptation to the visual design of the room
▪ Kompatibel mit den Profilsystemen der Bautiefen 70 mm bis 105 mm	▪ Compatible with the profile systems with basic depths of 70 mm to 105 mm
▪ Bedienung über schlankes Schaltfeld integriert in den Blendrahmen	▪ Operated using a slim control panel for integration into the outer frame
▪ Einbindung in die Gebäudeleittechnik ist optional möglich	▪ Integration into the building management system is available
▪ Vertikale Montage auf Anfrage	▪ Vertical installation on request



Schüco VentoTherm in Schüco AWS 75.SI+
Schüco VentoTherm in Schüco AWS 75.SI+

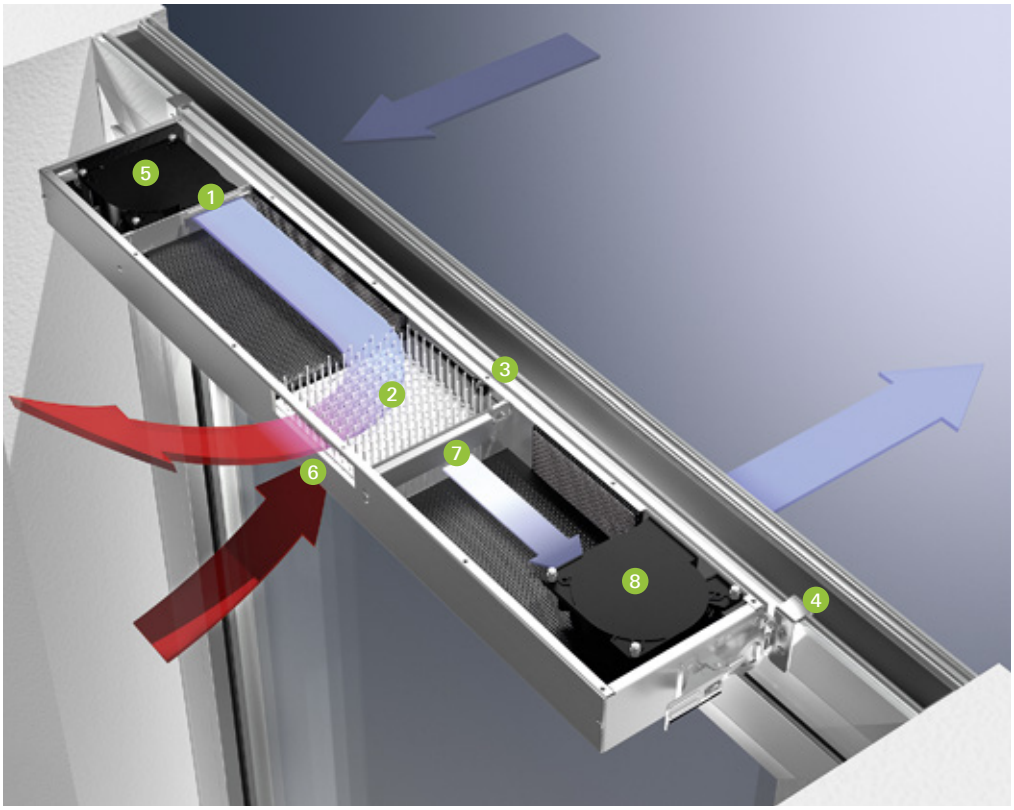
Maßstab 1:2,5
Scale 1:2.5

Technische Daten Technical data		
Baugröße Size		
Breite Width	1050 mm	
Höhe Height	75 mm	
Tiefe Depth	195 mm	
Werte Values		
Filterklasse Abluft Outgoing air filter class	F7 (DIN EN 779)	
Filterklasse Abluft Outgoing air filter class	G2 (DIN EN 779)	
Wärmebereitstellungsgrad Heat distribution level	Stufe 1 Stage 1	45 %
	Stufe 2 Stage 2	40 %
Volumenstrom Volume flow	Stufe 1 Stage 1	15 m³/h
	Stufe 2 Stage 2	30 m³/h
Bedienung Operation	Über ein Bedienelement im Blendrahmen Via an operating unit in the outer frame	

Schalldämmung R_{wp} in Abhängigkeit von der Verglasung Sound insulation R_{wp} depends on the glazing		
Verglasung Glazing	In Betrieb In operation	Geschlossen Closed
36 dB (6-16-4)	35 dB	36 dB
43 dB (8VSG-20-6)	38 dB	40 dB
45 dB (8-24-VSG)	40 dB	42 dB

Funktionsweise Schüco VentoTherm
How Schüco VentoTherm works

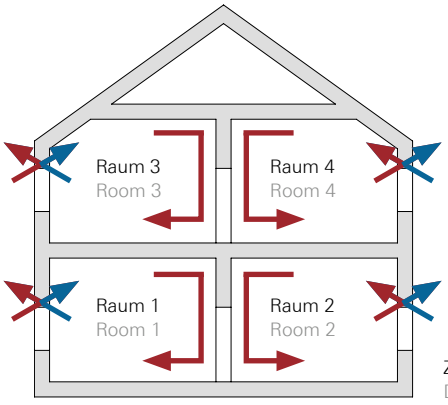
1. Verschlussklappe Zuluft
   Incoming air sealing cap
2. Wärmerückgewinner „Wärme-Igel“
   Heat recovery device (“Heat Hedgehog”)
3. Feuchte- und CO_2/VOC-Sensor
   Humidity and CO_2/VOC sensor
4. Befestigungssystem
   Fixing system
5. Ventilator Zuluft
   Incoming air ventilator
6. Abluftfilter
   Outgoing air filter
7. Verschlussklappe Abluft
   Outgoing air sealing cap
8. Ventilator Abluft
   Outgoing air ventilator



Die Außenluft wird über den Wärmerückgewinner „Wärme-Igel“ erwärmt und dem Innenraum zugeführt. Der verbrauchten Abluft wird die Wärme entzogen und fort gelüftet. Klappen verhindern eine ungewollte Luftzirkulation bei ausgeschaltetem Gerät.

The outside air is heated by the heat recovery device (“Heat Hedgehog”) and supplied into the room. The heat is drawn from the used outgoing air before it continues out. Flaps prevent unwanted air circulation when the device is switched off.

Planungsbeispiel für Lüftungskonzepte
Planning example for ventilation concepts



Zu- und Abluftsystem dezentral
Decentralised ventilation and extraction system

Technische Daten
Technical data

323

Profilübersicht Schüco Fenster AWS
Overview of profiles for Schüco AWS windows

Technische Daten
Technical data

324 Profilübersicht Schüco Fenster AWS
Overview of profiles for Schüco AWS windows

326 Profilübersicht Schüco Fenster AWS 90.SI+ / AWS 90.SI+ Green
Overview of profiles for Schüco Window AWS 90.SI+ / AWS 90.SI+ Green

336 Profilübersicht Schüco Fenster AWS 75.SI+ / AWS 70.HI
Overview of profiles for Schüco Window AWS 75.SI+ / AWS 70.HI

356 Profilübersicht Schüco Fenster AWS 90 BS.SI+
Overview of profiles for Schüco Window AWS 90 BS.SI+

362 Profilübersicht
Schüco Fenster AWS 75 BS.SI+ / AWS 75 BS.HI+ / AWS 70 BS.HI
Overview of profiles for
Schüco Window AWS 75 BS.SI+ / AWS 75 BS.HI+ / AWS 70 BS.HI

370 Profilübersicht Schüco Fenster AWS 75 WF.SI+ / AWS 70 WF.HI
Overview of profiles for Schüco Window AWS 75 WF.SI+ / AWS 70 WF.HI

384 Profilübersicht Schüco Fenster AWS 120 CC.SI
Overview of profiles for Schüco Window AWS 120 CC.SI

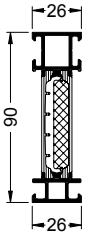
390 Profilübersicht Schüco Türen ADS
Overview of profiles for Schüco ADS doors
420 Profilübersicht serienübergreifend
Overview of profiles for all series

Profilübersicht Schüco Fenster AWS 90.SI+/AWS 90.SI+ Green

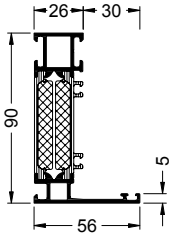
Overview of profiles for Schüco Window AWS 90.SI+/AWS 90.SI+ Green

Grundprofile

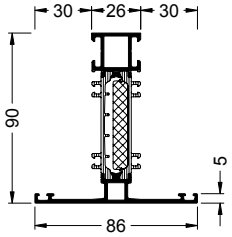
Basic profiles



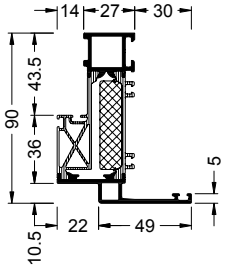
441 000 (AWS 90.SI+)
465 000 (AWS 90.SI+ Green)



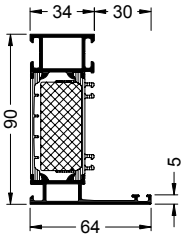
441 050 (AWS 90.SI+)
465 050 (AWS 90.SI+ Green)



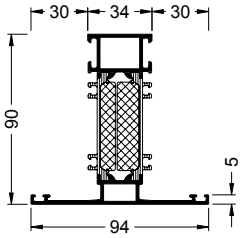
441 160 (AWS 90.SI+)
465 160 (AWS 90.SI+ Green)



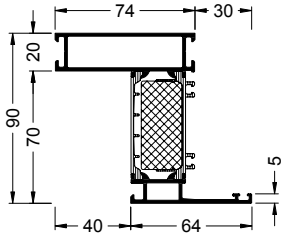
441 380 (AWS 90.SI+)
465 380 (AWS 90.SI+ Green)



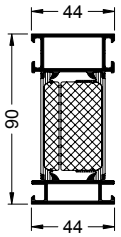
441 070 (AWS 90.SI+)
465 070 (AWS 90.SI+ Green)



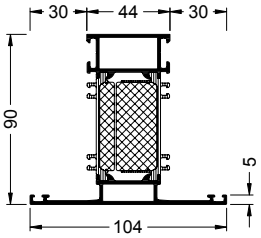
441 170 (AWS 90.SI+)
465 170 (AWS 90.SI+ Green)



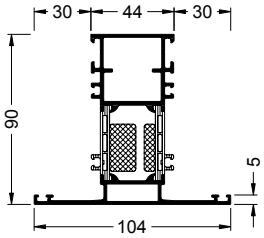
441 290 (AWS 90.SI+)
465 290 (AWS 90.SI+ Green)



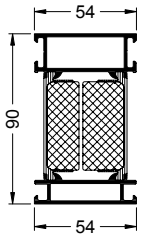
441 020 (AWS 90.SI+)
465 020 (AWS 90.SI+ Green)



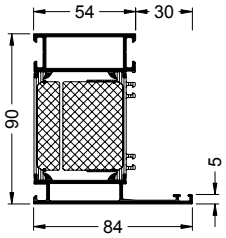
441 180 (AWS 90.SI+)
465 180 (AWS 90.SI+ Green)



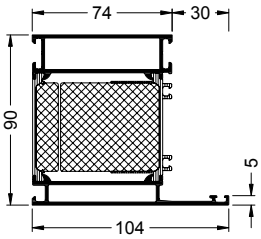
439 020* (AWS 90.SI+)



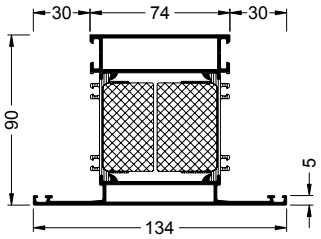
441 030 (AWS 90.SI+)
465 030 (AWS 90.SI+ Green)



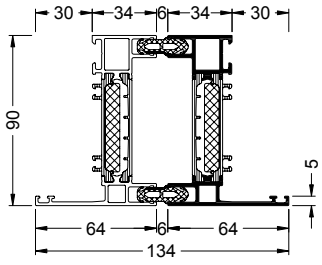
441 110 (AWS 90.SI+)
465 110 (AWS 90.SI+ Green)



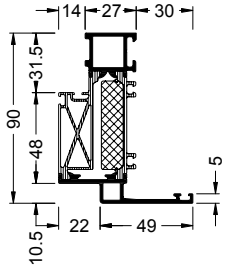
441 120 (AWS 90.SI+)
465 120 (AWS 90.SI+ Green)



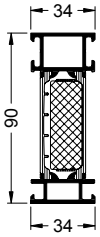
441 200 (AWS 90.SI+)
465 200 (AWS 90.SI+ Green)



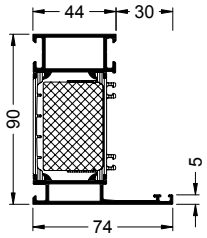
441 320 (AWS 90.SI+)
465 320 (AWS 90.SI+ Green)



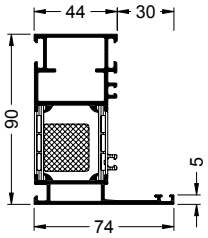
441 390 (AWS 90.SI+)
465 390 (AWS 90.SI+ Green)



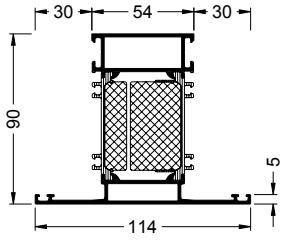
441 010 (AWS 90.SI+)
465 010 (AWS 90.SI+ Green)



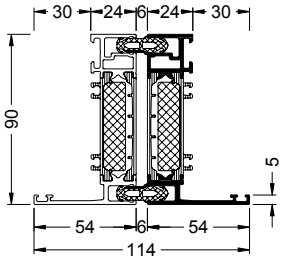
441 090 (AWS 90.SI+)
465 090 (AWS 90.SI+ Green)



439 010* (AWS 90.SI+)



441 190 (AWS 90.SI+)
465 190 (AWS 90.SI+ Green)



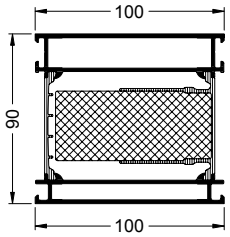
441 310 (AWS 90.SI+)
465 310 (AWS 90.SI+ Green)

* Einzusetzen nur auf der Bandseite von Türelementen
To be used on the hinge side of door units only

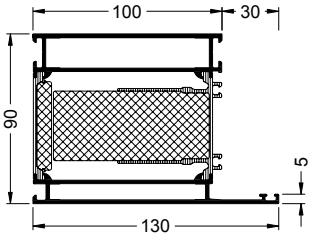
Maßstab 1:4
Scale 1:4

Art.-Nr. Art. No.	x		I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 90 mm Basic depth 90 mm				
439 010*	6,0	38,8	49,99	22,42
439 020*	6,0	34,0	56,93	32,74
441 000	6,0	16,0	23,98	1,95
441 010	6,0	24,0	28,55	4,35
441 020	6,0	34,0	33,65	9,16
441 030	6,0	44,0	38,76	16,29
441 050	6,0	20,8	30,3	7,63
441 070	6,0	28,8	34,41	11,63
441 090	6,0	38,8	39,53	18,72
441 110	6,0	48,8	44,63	28,42
441 120	6,0	68,8	54,85	57,01
441 160	6,0	16,0	34,32	14,51
441 170	6,0	24,0	39,05	20,12
441 180	6,0	34,0	44,34	29,47
441 190	6,0	44,0	49,55	41,73
441 200	6,0	64,0	59,97	76,34
441 290	6,0	28,8	43,98	38,67
441 310	6,0	19,0	30,27	6,68
441 320	6,0	16,0	33,76	9,29
441 380	6,0	36,0	30,52	10,32
441 390	6,0	36,0	30,52	10,32
Bautiefe 90 mm Green Basic depth 90 mm Green				
439 010*	6,0	38,8	49,99	22,42
439 020*	6,0	34,0	56,93	32,74
465 000	6,0	16,0	23,98	1,95
465 010	6,0	24,0	28,54	4,35
465 020	6,0	34,0	33,65	9,16
465 030	6,0	44,0	38,76	16,29
465 050	6,0	20,8	30,3	7,63
465 070	6,0	28,8	34,39	11,63
465 090	6,0	38,8	39,53	18,72
465 110	6,0	48,8	44,63	28,42
465 120	6,0	68,8	54,85	57,01
465 160	6,0	16,0	34,32	14,51
465 170	6,0	24,0	39,03	20,11
465 180	6,0	34,0	44,34	29,47
465 190	6,0	44,0	49,55	41,73
465 200	6,0	64,0	59,97	76,34
465 290	6,0	28,8	43,98	38,67
465 310	6,0	19,0	30,27	6,68
465 320	6,0	16,0	33,76	9,29
465 380	6,0	36,0	30,52	10,32
465 390	6,0	36,0	30,52	10,32

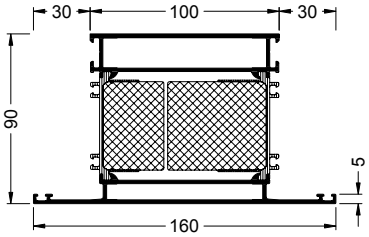
Grundprofile
Basic profiles



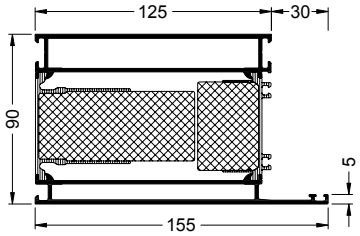
441 040 (AWS 90.SI+)
465 040 (AWS 90.SI+ Green)



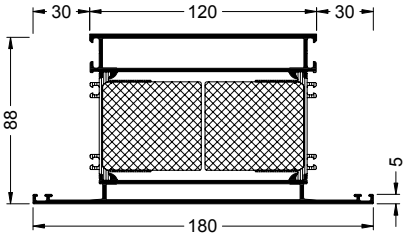
441 130 (AWS 90.SI+)
465 130 (AWS 90.SI+ Green)



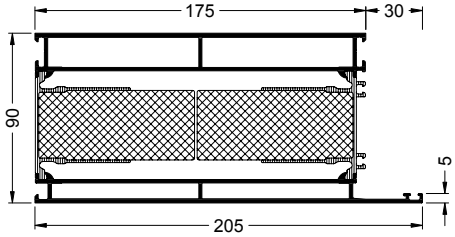
441 210 (AWS 90.SI+)
465 210 (AWS 90.SI+ Green)



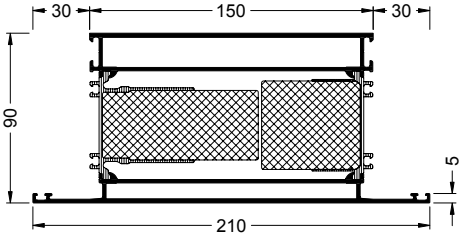
441 140 (AWS 90.SI+)
465 140 (AWS 90.SI+ Green)



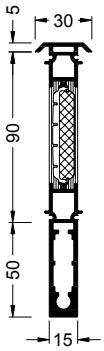
441 220 (AWS 90.SI+)
465 220 (AWS 90.SI+ Green)



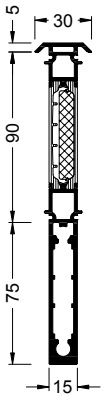
441 150 (AWS 90.SI+)
465 150 (AWS 90.SI+ Green)



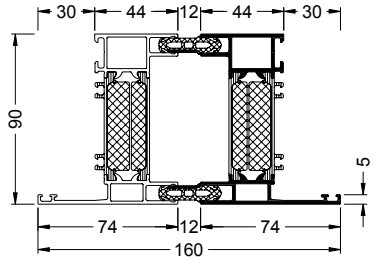
441 230 (AWS 90.SI+)
465 230 (AWS 90.SI+ Green)



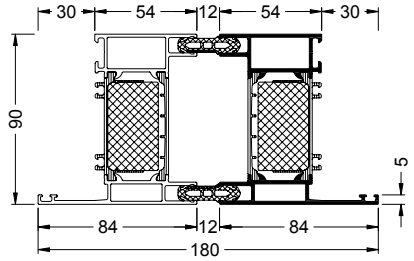
441 610 (AWS 90.SI+)
465 610 (AWS 90.SI+ Green)



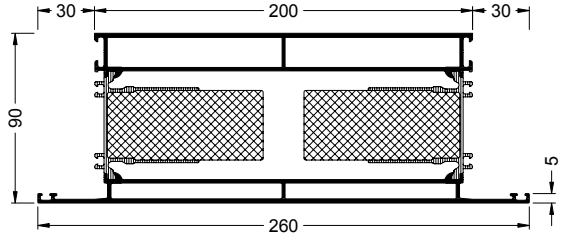
441 620 (AWS 90.SI+)
465 620 (AWS 90.SI+ Green)



441 330 (AWS 90.SI+)
465 330 (AWS 90.SI+ Green)



441 340 (AWS 90.SI+)
465 340 (AWS 90.SI+ Green)

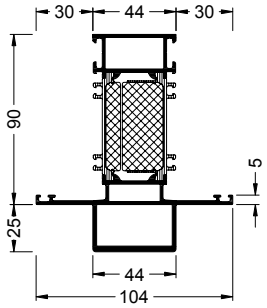


441 240 (AWS 90.SI+)
465 240 (AWS 90.SI+ Green)

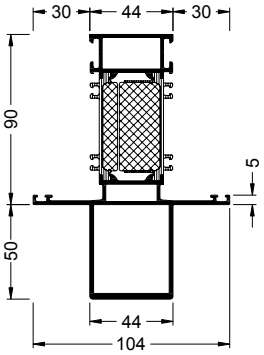
Art.-Nr. Art. No.	x	[]	I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 90 mm Basic depth 90 mm				
441 040	6,0	90,0	71,33	96,65
441 130	6,0	94,8	77,45	124,9
441 140	6,0	119,8	96,37	221,71
441 150	6,0	169,8	131,34	534,21
441 210	6,0	90,0	82,74	153,45
441 220	6,0	110,0	98,58	236,83
441 230	6,0	140,0	117,88	407,79
441 240	6,0	190,0	153,05	847,09
441 330	6,0	24,0	39,56	15,04
441 340	6,0	34,0	44,66	23,54
441 610	6,0	15,0	89,56	2,26
441 620	6,0	15,0	131,55	2,71
Bautiefe 90 mm Green Basic depth 90 mm Green				
465 040	6,0	90,0	71,33	96,65
465 130	6,0	94,8	77,45	124,9
465 140	6,0	119,8	96,37	221,71
465 150	6,0	169,8	131,34	534,21
465 210	6,0	90,0	82,74	153,45
465 220	6,0	110,0	98,58	236,83
465 230	6,0	140,0	117,88	407,79
465 240	6,0	190,0	153,05	847,09
465 330	6,0	24,0	39,56	15,04
465 340	6,0	34,0	44,66	23,54
465 610	6,0	15,0	89,56	2,26
465 620	6,0	15,0	131,55	2,71

Maßstab 1:4
Scale 1:4

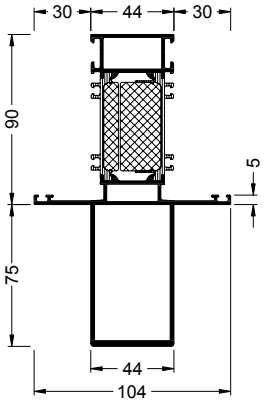
Grundprofile
Basic profiles



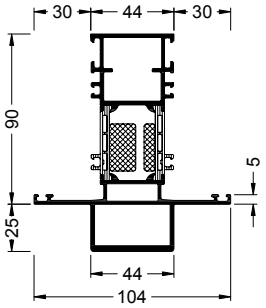
441 500 (AWS 90.SI+)
465 500 (AWS 90.SI+ Green)



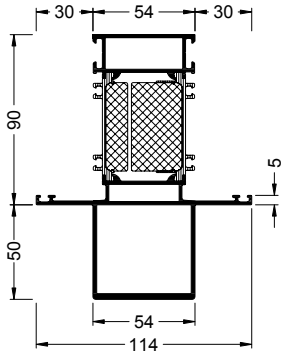
441 510 (AWS 90.SI+)
465 510 (AWS 90.SI+ Green)



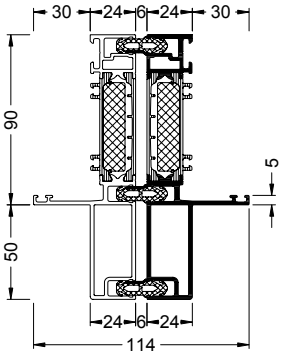
441 520 (AWS 90.SI+)
465 520 (AWS 90.SI+ Green)



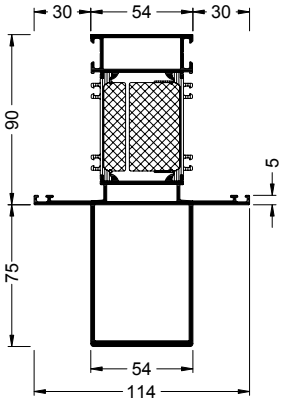
439 470* (AWS 90.SI+)



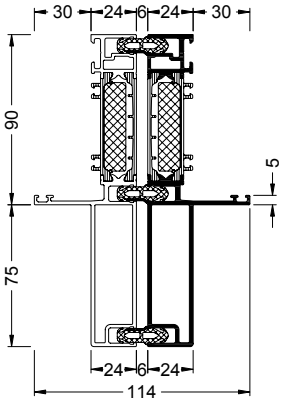
441 530 (AWS 90.SI+)
465 530 (AWS 90.SI+ Green)



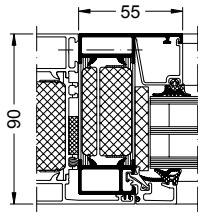
441 630 (AWS 90.SI+)
465 630 (AWS 90.SI+ Green)



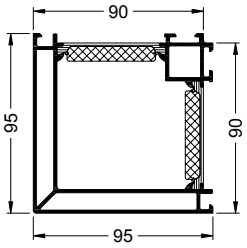
441 540 (AWS 90.SI+)
465 540 (AWS 90.SI+ Green)



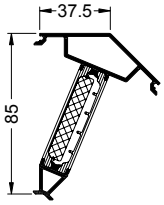
441 640 (AWS 90.SI+)
465 640 (AWS 90.SI+ Green)



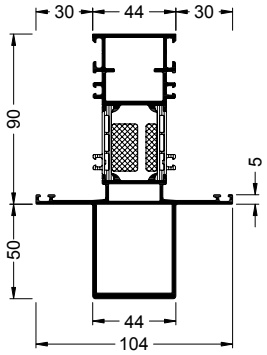
441 440 (AWS 90.SI+)
465 440 (AWS 90.SI+ Green)



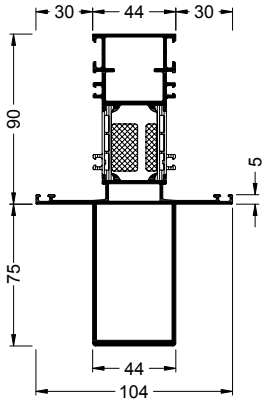
441 680 (AWS 90.SI+)
465 680 (AWS 90.SI+ Green)



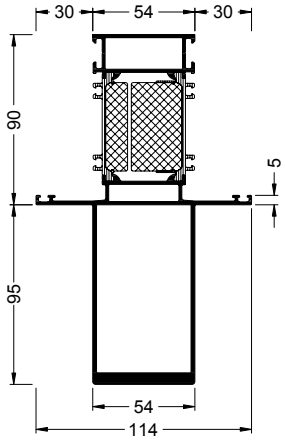
441 710 (AWS 90.SI+)
465 710 (AWS 90.SI+ Green)



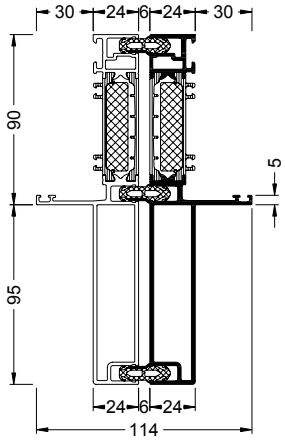
439 480* (AWS 90.SI+)



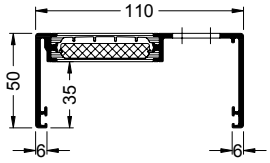
439 490* (AWS 90.SI+)



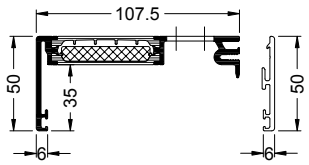
441 550 (AWS 90.SI+)
465 550 (AWS 90.SI+ Green)



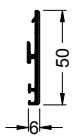
441 650 (AWS 90.SI+)
465 650 (AWS 90.SI+ Green)



441 740 (AWS 90.SI+)
465 740 (AWS 90.SI+ Green)



441 730 (AWS 90.SI+)
465 730 (AWS 90.SI+ Green)



184 530

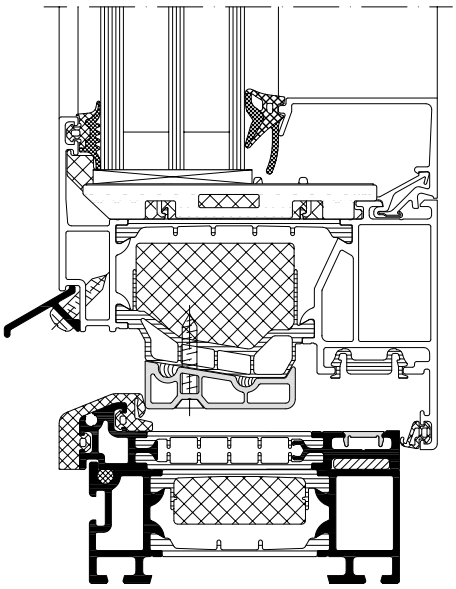
Art.-Nr. Art. No.	x		I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 90 mm Basic depth 90 mm				
184 530	6,0	–	–	–
439 470*	6,0	34,0	95,97	38,72
439 480*	6,0	34,0	143,41	43,14
439 490*	6,0	34,0	211,83	47,55
441 440	6,0	29,8	25,83	7,29
441 500	6,0	34,0	71,29	35,45
441 510	6,0	34,0	104,62	39,86
441 520	6,0	34,0	152,89	44,28
441 530	6,0	44,0	119,18	58,33
441 540	6,0	44,0	173,42	65,1
441 550	6,0	44,0	282,64	73,74
441 630	6,0	19,0	76,54	9,33
441 640	6,0	19,0	114,09	10,63
441 650	6,0	19,0	153,52	11,65
441 680	6,0	–	59,29	59,29
441 710	6,0	16,0	18,27	7,5
441 730	6,0	15,0	4,45	87,31
441 740	6,0	15,0	7,12	107,61
Bautiefe 90 mm Green Basic depth 90 mm Green				
184 530	6,0	–	–	–
465 440	6,0	29,8	25,83	7,29
465 500	6,0	34,0	71,29	35,45
465 510	6,0	34,0	104,62	39,86
465 520	6,0	34,0	152,89	44,28
465 530	6,0	44,0	119,18	58,33
465 540	6,0	44,0	173,42	65,1
465 550	6,0	44,0	282,64	73,74
465 630	6,0	19,0	76,54	9,33
465 640	6,0	19,0	114,09	10,63
465 650	6,0	19,0	153,52	11,65
465 680	6,0	–	59,29	59,29
465 710	6,0	16,0	18,27	13,63
465 730	6,0	15,0	4,45	87,42
465 740	6,0	15,0	7,12	107,61

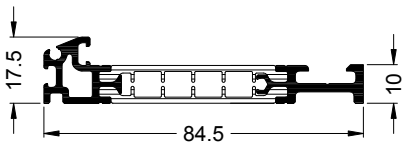
* Einzusetzen nur auf der Bandseite von Türelementen
To be used on the hinge side of door units only

Maßstab 1:4
Scale 1:4

Barrierefreie Schwelle und Adapterprofile

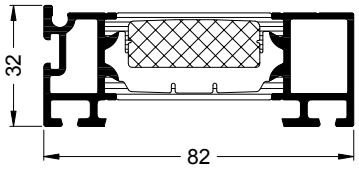
Easy-access threshold and adapter profiles



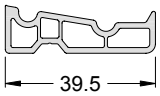


441 966 (AWS 90.SI+)

445 750

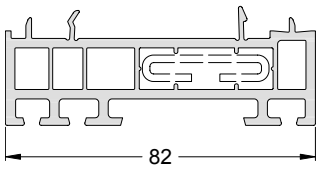


441 970 (AWS 90.SI+)

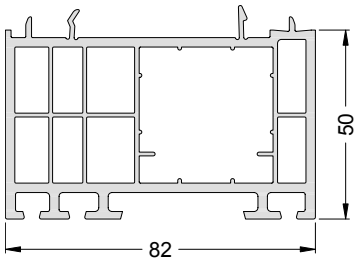


267 900

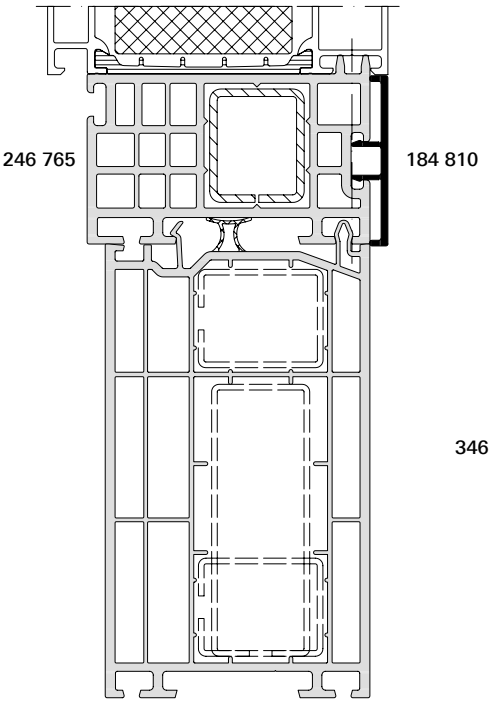
Basisprofile
Base profiles



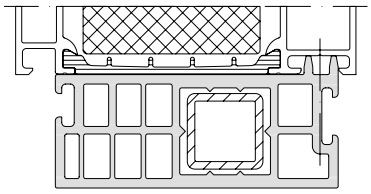
884 500



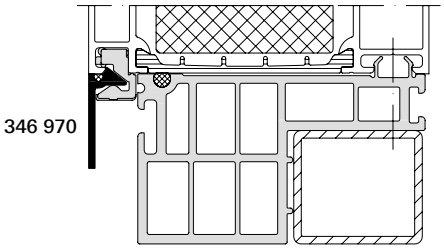
884 600



984 300



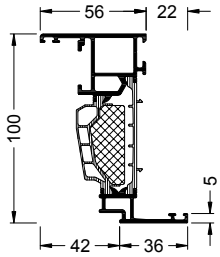
246 764



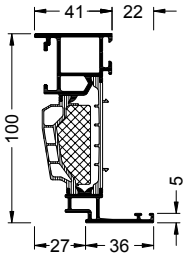
246 763

Maßstab 1:2
Scale 1:2

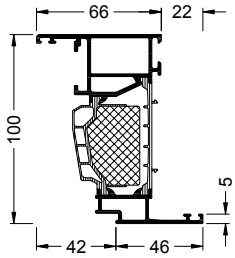
Flügelprofile
Vent profiles



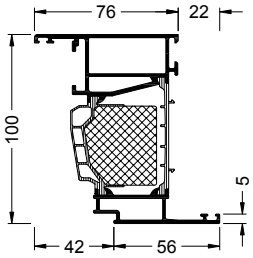
441 780 (AWS 90.SI+)
465 780 (AWS 90.SI+ Green)



441 790 (AWS 90.SI+)
465 790 (AWS 90.SI+ Green)



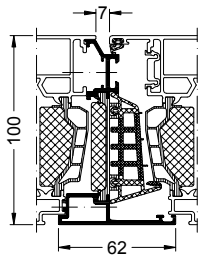
441 840 (AWS 90.SI+)
465 840 (AWS 90.SI+ Green)



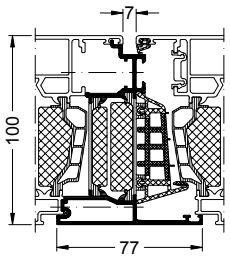
441 860 (AWS 90.SI+)
465 860 (AWS 90.SI+ Green)

Art.-Nr. Art. No.	x m	mm	IV
Bautiefe 90 mm Basic depth 90 mm			
441 780	6,0	23,0	III
441 790	6,0	23,0	III
441 840	6,0	33,0	IV
441 860	6,0	43,0	V
Bautiefe 90 mm Green Basic depth 90 mm Green			
465 780	6,0	23,0	III
465 790	6,0	23,0	III
465 840	6,0	33,0	IV
465 860	6,0	43,0	V

Stulpprofile
Double-vent profiles



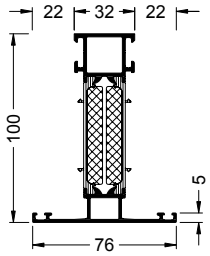
441 940 (AWS 90.SI+)
465 940 (AWS 90.SI+ Green)



441 930 (AWS 90.SI+)
465 930 (AWS 90.SI+ Green)

Art.-Nr. Art. No.	x m	mm	IV
Bautiefe 90 mm Basic depth 90 mm			
441 930	6,0	25,0	–
441 940	6,0	–	–
Bautiefe 90 mm Green Basic depth 90 mm Green			
465 930	6,0	25,0	–
465 940	6,0	–	–

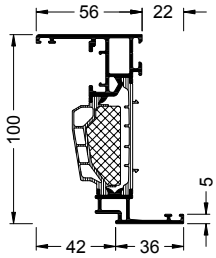
Flügelsprosse
Vent sash bar



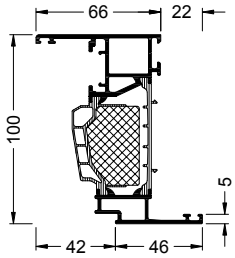
441 950 (AWS 90.SI+)
465 950 (AWS 90.SI+ Green)

Art.-Nr. Art. No.	x m	mm	IV
Bautiefe 90 mm Basic depth 90 mm			
441 950	6,0	22,0	–
Bautiefe 90 mm Green Basic depth 90 mm Green			
465 950	6,0	22,0	–

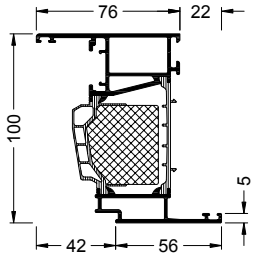
Flügelprofile Schüco TipTronic
Schüco TipTronic vent profiles



441 880 (AWS 90.SI+)
465 880 (AWS 90.SI+ Green)



441 890 (AWS 90.SI+)
465 890 (AWS 90.SI+ Green)



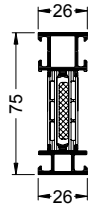
441 900 (AWS 90.SI+)
465 900 (AWS 90.SI+ Green)

Art.-Nr. Art. No.	x m	mm	IV
Bautiefe 90 mm Basic depth 90 mm			
441 880	6,0	23,0	III
441 890	6,0	33,0	IV
441 900	6,0	43,0	V
Bautiefe 90 mm Green Basic depth 90 mm Green			
465 880	6,0	23,0	III
465 890	6,0	33,0	IV
465 900	6,0	43,0	V

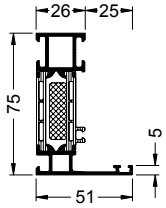
Maßstab 1:4
Scale 1:4

Profilübersicht
Schüco Fenster AWS 75.SI+ / AWS 70.HI
Overview of profiles for
Schüco Window AWS 75.SI+ / AWS 70.HI

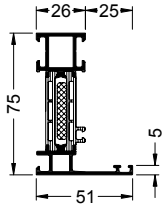
Grundprofile
Basic profiles



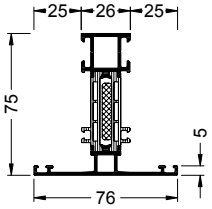
382 070 (AWS 75.SI+)
358 090 (AWS 70.HI)



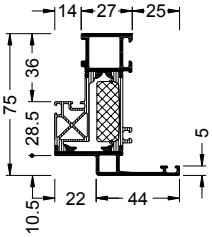
382 110 (AWS 75.SI+)
358 130 (AWS 70.HI)



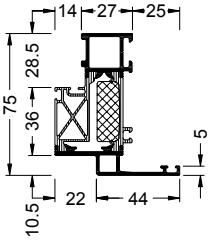
382 120 (AWS 75.SI+)
358 140 (AWS 70.HI)



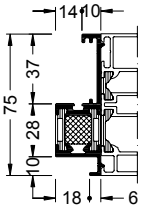
382 270 (AWS 75.SI+)
358 240 (AWS 70.HI)



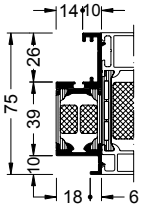
382 660 (AWS 75.SI+)
358 380 (AWS 70.HI)



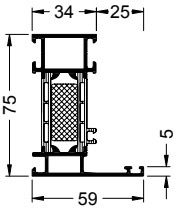
368 870 (AWS 75.SI+)
368 860 (AWS 70.HI)



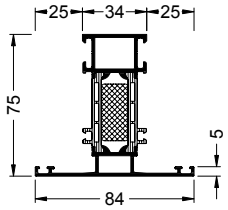
382 870 (AWS 75.SI+)
358 470 (AWS 70.HI)



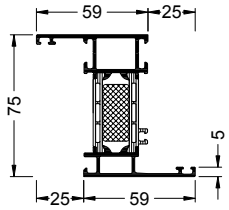
368 990 (AWS 75.SI+)
368 980 (AWS 70.HI)



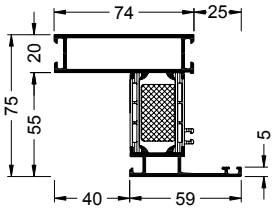
382 140 (AWS 75.SI+)
358 160 (AWS 70.HI)



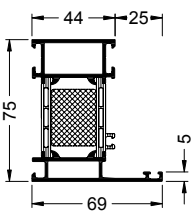
382 280 (AWS 75.SI+)
358 250 (AWS 70.HI)



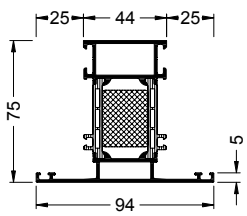
368 560 (AWS 75.SI+)
358 350 (AWS 70.HI)



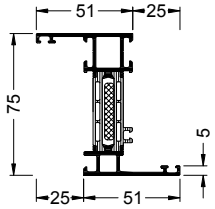
382 260 (AWS 75.SI+)
358 370 (AWS 70.HI)



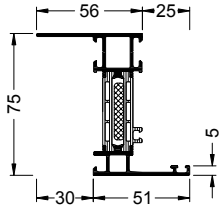
382 160 (AWS 75.SI+)
358 180 (AWS 70.HI)



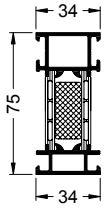
382 290 (AWS 75.SI+)
358 260 (AWS 70.HI)



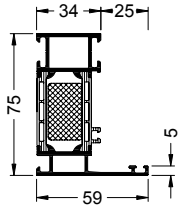
368 540 (AWS 75.SI+)
358 330 (AWS 70.HI)



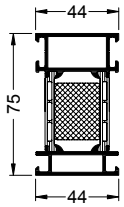
368 550 (AWS 75.SI+)
358 340 (AWS 70.HI)



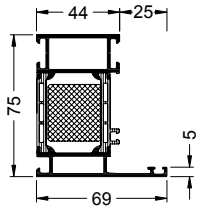
382 080 (AWS 75.SI+)
358 100 (AWS 70.HI)



382 130 (AWS 75.SI+)
358 150 (AWS 70.HI)



382 090 (AWS 75.SI+)
358 110 (AWS 70.HI)



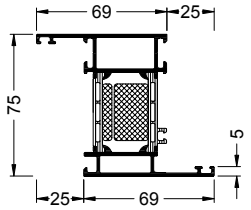
382 150 (AWS 75.SI+)
358 170 (AWS 70.HI)

Profildarstellung in Schüco Fenster AWS 75.SI+
Schüco Window AWS 75.SI+ profiles shown

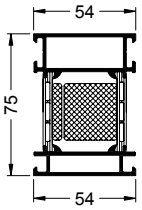
Maßstab 1:4
Scale 1:4

Art.-Nr. Art. No.	x		I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 75 mm Basic depth 75 mm				
368 540	6,0	16,0	27,84	9,82
368 550	6,0	16,0	27,73	9,91
368 560	6,0	24,0	31,55	14,44
368 870	6,0	20,0	23,36	8,1
368 990	6,0	24,0	11,17	1,85
382 070	6,0	16,0	19,42	1,95
382 080	6,0	24,0	23,12	4,35
382 090	6,0	34,0	27,33	9,16
382 110	6,0	20,8	23,21	5,65
382 120	6,0	16,0	22,99	5,4
382 130	6,0	28,8	26,55	9,14
382 140	6,0	24,0	26,66	8,8
382 150	6,0	38,8	30,77	15,51
382 160	6,0	34,0	30,86	15,03
382 260	6,0	28,8	33,88	34,31
382 270	6,0	16,0	25,91	9,65
382 280	6,0	24,0	29,63	14,13
382 290	6,0	34,0	33,9	21,88
382 660	6,0	20,0	23,36	8,1
382 870	6,0	24,0	10,48	1,83
Bautiefe 70 mm Basic depth 70 mm				
358 090	6,0	16,0	16,31	1,95
358 100	6,0	24,0	19,42	4,35
358 110	6,0	34,0	22,97	9,16
358 130	6,0	21,0	19,54	5,65
358 140	6,0	16,0	19,38	5,4
358 150	6,0	29,0	22,37	9,14
358 160	6,0	24,0	22,46	8,8
358 170	6,0	39,0	25,94	15,5
358 180	6,0	34,0	26,02	15,03
358 240	6,0	16,0	21,9	9,65
358 250	6,0	24,0	25,03	14,13
358 260	6,0	34,0	28,64	21,88
358 330	6,0	16,0	23,63	9,82
358 340	6,0	16,0	23,54	9,91
358 350	6,0	24,0	26,75	14,44
358 370	6,0	24,0	28,6	33,62
358 380	6,0	20,0	19,59	8,1
358 470	6,0	24,0	8,77	1,84
368 860	6,0	20,0	19,59	8,1
368 980	6,0	24,0	9,12	1,85

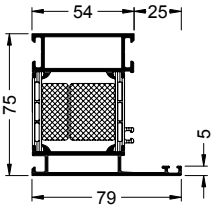
Grundprofile
Basic profiles



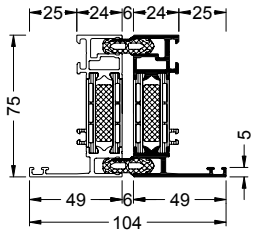
368 570 (AWS 75.SI+)
358 360 (AWS 70.HI)



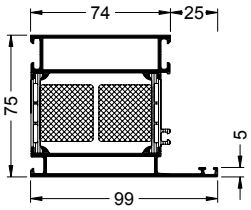
382 100 (AWS 75.SI+)
358 120 (AWS 70.HI)



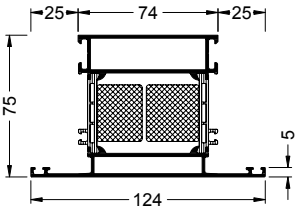
382 170 (AWS 75.SI+)
358 190 (AWS 70.HI)



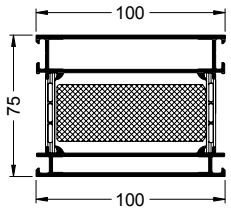
382 220 (AWS 75.SI+)
358 390 (AWS 70.HI)



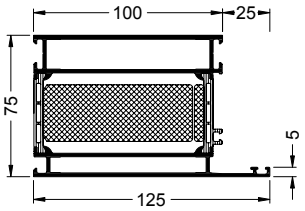
382 180 (AWS 75.SI+)
358 200 (AWS 70.HI)



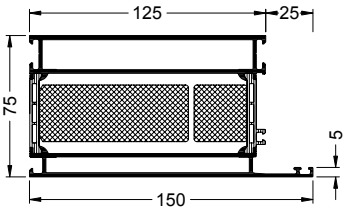
382 310 (AWS 75.SI+)
358 280 (AWS 70.HI)



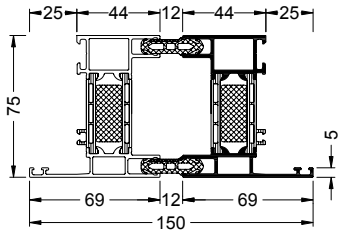
355 990 (AWS 75.SI+)
355 980 (AWS 70.HI)



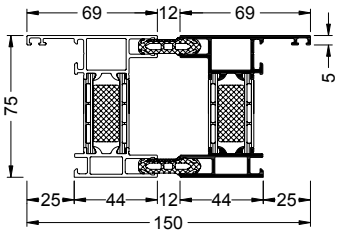
382 190 (AWS 75.SI+)
358 210 (AWS 70.HI)



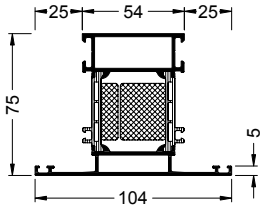
382 200 (AWS 75.SI+)
358 220 (AWS 70.HI)



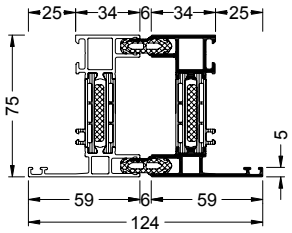
382 240 (AWS 75.SI+)
358 410 (AWS 70.HI)



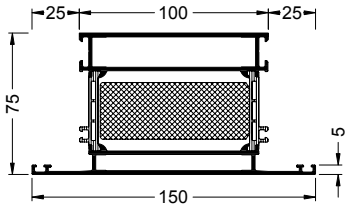
367 970 (AWS 75.SI+)
367 990 (AWS 70.HI)



382 300 (AWS 75.SI+)
358 270 (AWS 70.HI)



382 230 (AWS 75.SI+)
358 400 (AWS 70.HI)



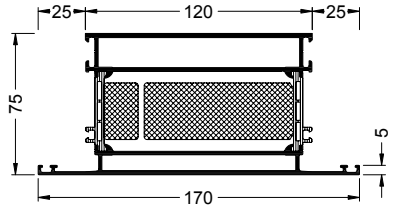
382 320 (AWS 75.SI+)
358 290 (AWS 70.HI)

Art.-Nr. Art. No.	x		I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 75 mm Basic depth 75 mm				
355 990	6,0	89,9	58,58	96,65
367 970	6,0	24,0	31,59	12,48
368 570	6,0	34,0	35,78	22,43
382 100	6,0	44,0	31,54	16,29
382 170	6,0	48,8	34,96	24,36
382 180	6,0	68,8	43,36	50,94
382 190	6,0	94,8	62,13	115,44
382 200	6,0	119,8	77,93	208,35
382 220	6,0	19,0	23,02	4,86
382 240	6,0	24,0	30,92	12,17
382 300	6,0	44,0	38,13	32,33
382 310	6,0	64,0	46,61	62,68
382 320	6,0	90,0	65,39	132,94
382 330	6,0	140,0	94,56	370,06
Bautiefe 70 mm Basic depth 70 mm				
355 980	6,0	90,0	49,48	96,65
358 120	6,0	44,0	26,54	16,29
358 190	6,0	49,0	29,49	24,36
358 200	6,0	69,0	36,6	50,94
358 210	6,0	95,0	52,55	115,44
358 220	6,0	120,0	66,	208,35
358 270	6,0	44,0	32,23	32,33
358 280	6,0	64,0	39,41	62,68
358 290	6,0	90,0	55,37	132,94
358 360	6,0	34,0	30,33	22,43
358 390	6,0	19,0	19,35	4,86
358 400	6,0	16,0	22,16	7,1
358 410	6,0	24,0	26,12	12,18
367 990	6,0	24,0	26,73	12,48

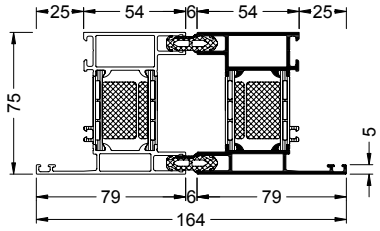
Profildarstellung in Schüco Fenster AWS 75.SI+
Schüco Window AWS 75.SI+ profiles shown

Maßstab 1:4
Scale 1:4

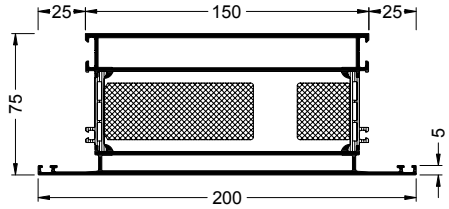
Grundprofile
Basic profiles



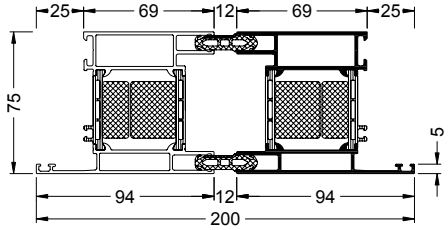
374 980 (AWS 75.SI+)
358 300 (AWS 70.HI)



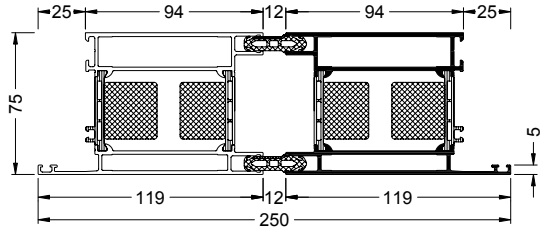
368 580 (AWS 75.SI+)
358 420 (AWS 70.HI)



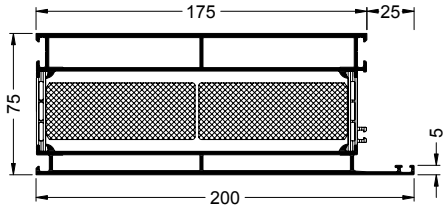
382 330 (AWS 75.SI+)
358 310 (AWS 70.HI)



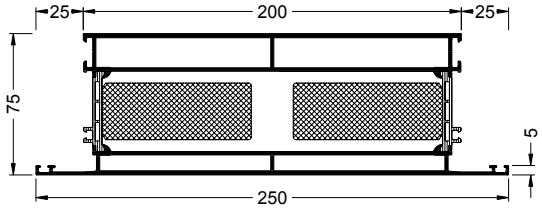
368 590 (AWS 75.SI+)
358 430 (AWS 70.HI)



368 600 (AWS 75.SI+)
358 440 (AWS 70.HI)



382 210 (AWS 75.SI+)
358 230 (AWS 70.HI)



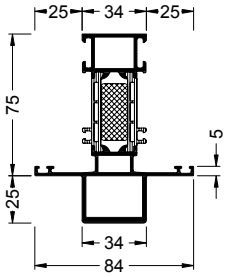
382 340 (AWS 75.SI+)
358 320 (AWS 70.HI)

Art.-Nr. Art. No.	x		I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 75 mm Basic depth 75 mm				
368 580	6,0	34,0	35,12	19,87
368 590	6,0	48,8	42,37	36,63
368 600	6,0	74,0	58,87	87,15
374 980	6,0	110,0	78,58	210,08
382 210	6,0	169,8	106,89	510,98
382 330	6,0	140,0	94,56	370,06
382 340	6,0	190,0	123,61	786,76
Bautiefe 70 mm Basic depth 70 mm				
358 230	6,0	170,0	90,57	510,98
358 300	6,0	110,0	66,61	210,08
358 310	6,0	140,0	79,77	370,06
358 320	6,0	190,0	104,81	786,76
358 420	6,0	34,0	29,68	19,87
358 430	6,0	49,0	35,8	36,63
358 440	6,0	74,0	49,83	87,15

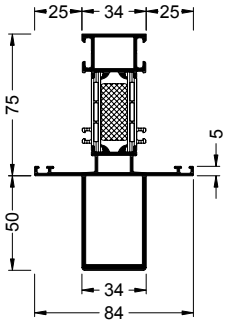
Profildarstellung in Schüco Fenster AWS 75.SI+
Schüco Window AWS 75.SI+ profiles shown

Maßstab 1:4
Scale 1:4

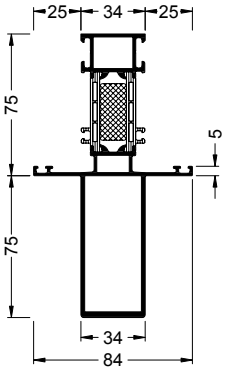
Grundprofile
Basic profiles



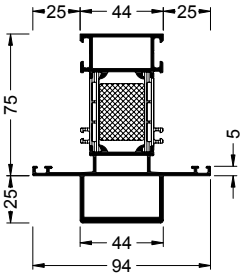
368 650 (AWS 75.SI+)
358 750 (AWS 70.HI)



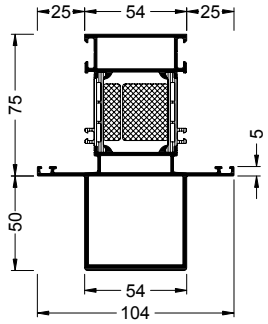
368 660 (AWS 75.SI+)
358 760 (AWS 70.HI)



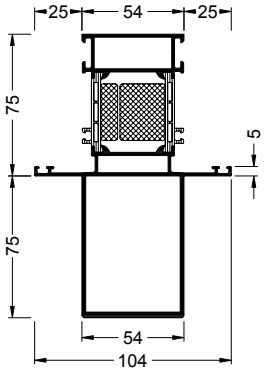
368 670 (AWS 75.SI+)
358 770 (AWS 70.HI)



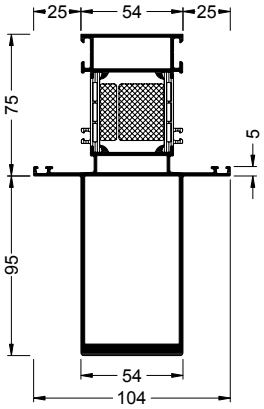
382 350 (AWS 75.SI+)
358 780 (AWS 70.HI)



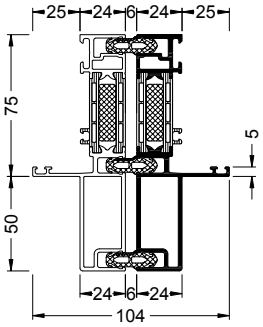
382 380 (AWS 75.SI+)
358 810 (AWS 70.HI)



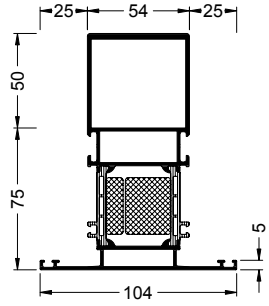
382 390 (AWS 75.SI+)
358 820 (AWS 70.HI)



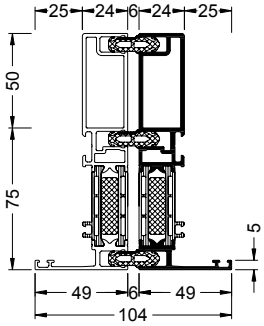
382 400 (AWS 75.SI+)
358 830 (AWS 70.HI)



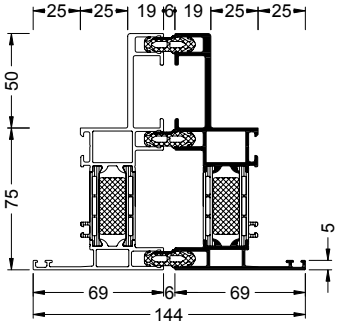
382 430 (AWS 75.SI+)
358 880 (AWS 70.HI)



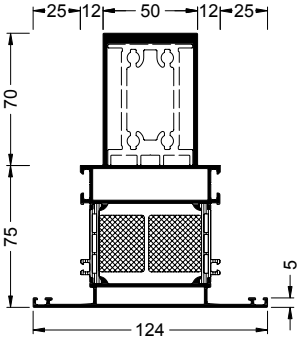
368 620 (AWS 75.SI)
358 720 (AWS 70.HI)



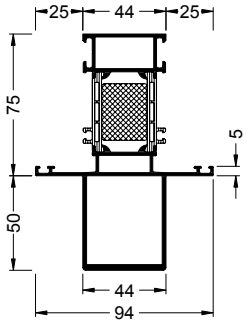
368 630 (AWS 75.SI+)
358 730 (AWS 70.HI)



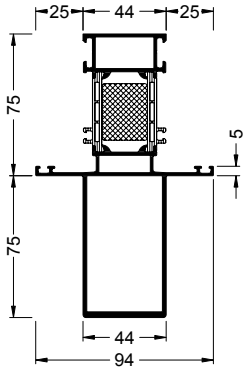
368 640 (AWS 75.SI+)
358 740 (AWS 70.HI)



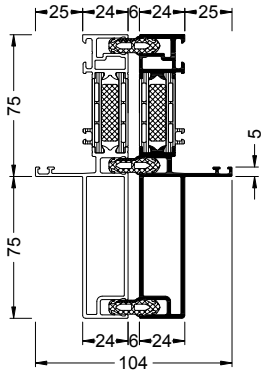
374 730 (AWS 75.SI+)
374 720 (AWS 70.HI)



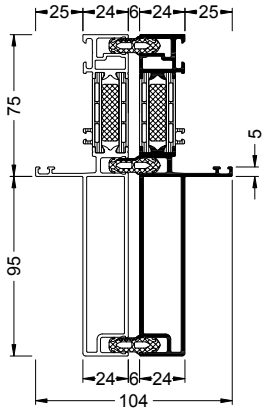
382 360 (AWS 75.SI+)
358 790 (AWS 70.HI)



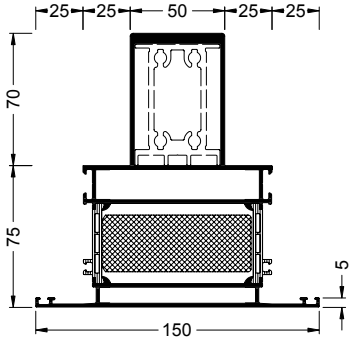
382 370 (AWS 75.SI+)
358 800 (AWS 70.HI)



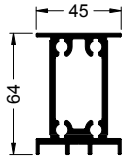
382 440 (AWS 75.SI+)
358 890 (AWS 70.HI)



382 450 (AWS 75.SI+)
358 900 (AWS 70.HI)



374 760 (AWS 75.SI+)
374 750 (AWS 70.HI)



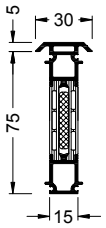
322 720 (AWS 75.SI+, AWS 70.HI)

Art.-Nr. Art. No.	x	Art.-Nr. Art. No.	x		I_x	I_y
	m		m	mm	cm^4	cm^4
Bautiefe 75 mm Basic depth 75 mm						
322 720	6,0	–	–	–	39,02	11,61
368 620	6,0	–	–	44,0	137,58	48,93
368 630	6,0	–	–	19,0	79,48	7,37
368 640	6,0	–	–	24,0	89,21	15,79
368 650	6,0	–	–	24,0	53,44	17,35
368 660	6,0	–	–	24,0	86,27	19,92
368 670	6,0	–	–	24,0	135,33	22,48
374 730	6,0	–	–	64,0	246,94	83,74
374 760	6,0	–	–	90,0	284,67	154,06
382 350	6,0	**367 250**	3,5	34,0	62,69	27,87
382 360	6,0	**367 260**	3,5	34,0	100,71	32,28
382 370	6,0	**367 270**	3,5	34,0	156,87	36,69
382 380	6,0	**367 280**	3,5	44,0	115,05	48,93
382 390	6,0	**367 290**	3,5	44,0	178,24	55,7
382 400	6,0	**367 300**	3,5	44,0	305,5	64,35
382 430	6,0	**367 310**	3,5	19,0	72,74	7,37
382 440	6,0	**367 320**	3,5	19,0	115,82	8,62
382 450	6,0	**367 330**	3,5	19,0	161,88	9,62
Bautiefe 70 mm Basic depth 70 mm						
322 720	6,0	–	–	–	39,02	11,61
358 720	6,0	–	–	44,0	125,38	48,93
358 730	6,0	–	–	19,0	72,19	7,37
358 740	6,0	–	–	24,0	80,53	15,79
358 750	6,0	–	–	24,0	46,75	17,35
358 760	6,0	–	–	24,0	78,05	19,92
358 770	6,0	–	–	24,0	125,5	22,48
358 780	6,0	**367 160**	3,5	34,0	54,93	27,87
358 790	6,0	**367 170**	3,5	34,0	91,24	32,28
358 800	6,0	**367 180**	3,5	34,0	145,59	36,69
358 810	6,0	**367 190**	3,5	44,0	104,35	48,93
358 820	6,0	**367 200**	3,5	44,0	165,6	55,7
358 830	6,0	**367 210**	3,5	44,0	289,24	64,35
358 880	6,0	**367 220**	3,5	19,0	65,55	7,37
358 890	6,0	**367 230**	3,5	19,0	107,04	8,62
358 900	6,0	**367 240**	3,5	19,0	151,8	9,62
374 720	6,0	–	–	64,0	229,38	83,73
374 750	6,0	–	–	90,0	263,3	154,06

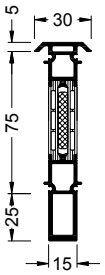
Profildarstellung in Schüco Fenster AWS 75.SI+
Schüco Window AWS 75.SI+ profiles shown

Maßstab 1:4
Scale 1:4

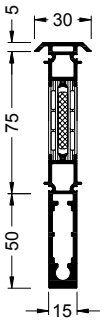
Grundprofile
Basic profiles



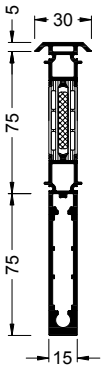
368 680 (AWS 75.SI+)
358 840 (AWS 70.HI)



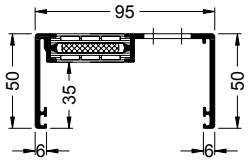
368 690 (AWS 75.SI+)
358 850 (AWS 70.HI)



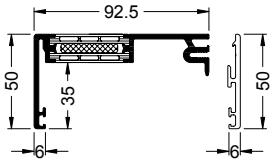
382 410 (AWS 75.SI+)
358 860 (AWS 70.HI)



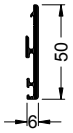
382 420 (AWS 75.SI+)
358 870 (AWS 70.HI)



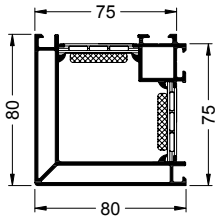
382 610 (AWS 75.SI+)
358 460 (AWS 70.HI)



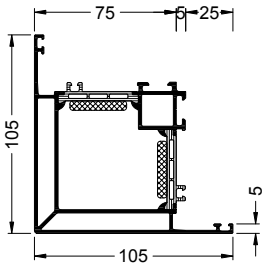
382 600 (AWS 75.SI+)
358 450 (AWS 70.HI)



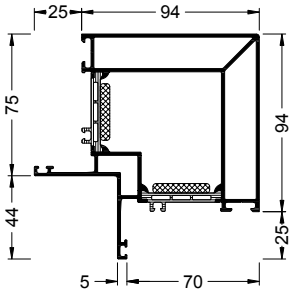
184 530 (AWS 75.SI+, AWS 70.HI)



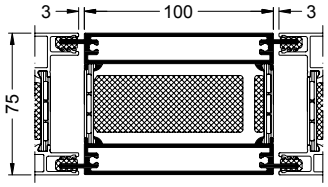
382 580 (AWS 75.SI+)
358 480 (AWS 70.HI)



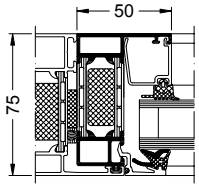
368 700 (AWS 75.SI+)
358 490 (AWS 70.HI)



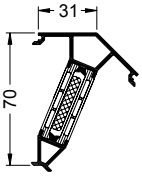
368 710 (AWS 75.SI+)
358 510 (AWS 70.HI)



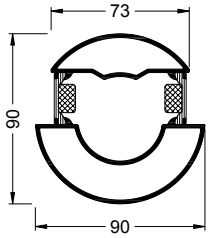
373 900 (AWS 75.SI+)
373 890 (AWS 70.HI)



382 670 (AWS 75.SI+)
358 930 (AWS 70.HI)



382 590 (AWS 75.SI+)
358 500 (AWS 70.HI)



368 720 (AWS 75.SI+)
197 220 (AWS 70.HI)

343 990 (AWS 75.SI+)
357 970 (AWS 70.HI)

357 980 (AWS 75.SI+, AWS 70.HI)

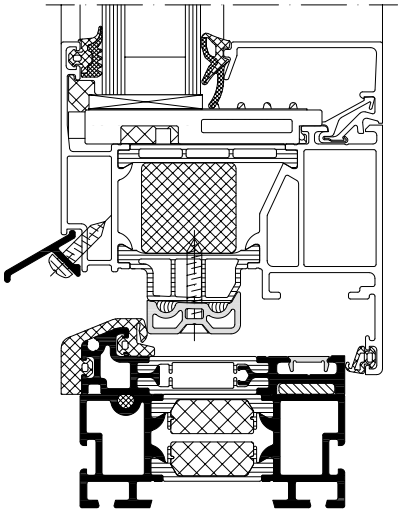
Art.-Nr. Art. No.	x		I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 75 mm Basic depth 75 mm				
184 530	6,0	–	–	–
343 990	6,0	–	–	–
357 980	6,0	–	–	–
368 680	6,0	15,0	19,7	1,22
368 690	6,0	15,0	44,85	1,68
368 700	6,0	–	61,57	61,57
368 710	6,0	–	84,29	84,32
368 720	6,0	–	45,39	54,74
373 900	6,0	100,0	68,53	151,24
382 410	6,0	15,0	87,86	2,26
382 420	6,0	15,0	136,03	2,71
382 580	6,0	–	45,34	45,35
382 590	6,0	16,0	14,0	5,46
382 600	6,0	15,0	5,67	61,12
382 610	6,0	15,0	9,06	77,58
382 670	6,0	25,0	18,75	5,4
Bautiefe 70 mm Basic depth 70 mm				
184 530	6,0	–	–	–
197 220	6,0	–	37,16	47,67
357 970	6,0	–	–	–
357 980	6,0	–	–	–
358 450	6,0	15,0	5,67	53,51
358 460	6,0	15,0	9,06	68,77
358 480	6,0	–	37,38	37,38
358 490	6,0	–	49,94	49,94
358 500	6,0	16,0	11,43	4,48
358 510	6,0	–	72,08	72,07
358 840	6,0	15,0	16,74	1,22
358 850	6,0	15,0	39,56	1,68
358 860	6,0	15,0	80,05	2,26
358 870	6,0	15,0	126,53	2,71
358 930	6,0	25,0	15,63	5,4
373 890	6,0	100,0	57,85	151,24

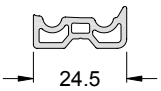
Profildarstellung in Schüco Fenster AWS 75.SI+
Schüco Window AWS 75.SI+ profiles shown

Maßstab 1:4
Scale 1:4

Barrierefreie Schwelle und Adapterprofile

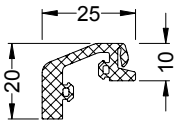
Easy-access threshold and adapter profiles



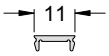


268 200 (AWS 75.SI+)

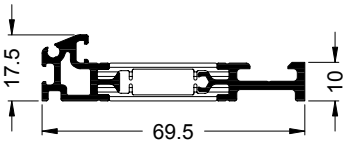
445 750 (AWS 75.SI+)



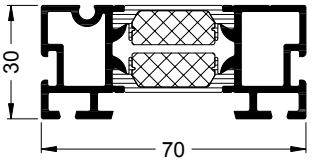
246 246 (AWS 75.SI+)



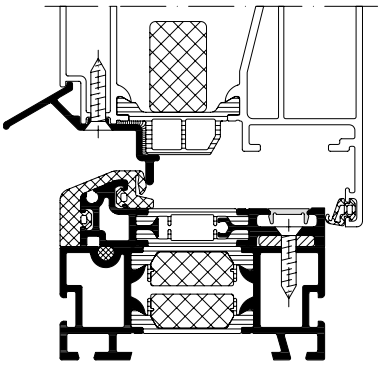
224 156 (AWS 75.SI+)

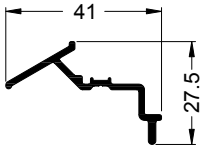


373 826 (AWS 75.SI+)

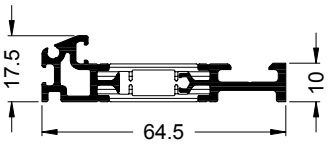


373 840 (AWS 75.SI+)

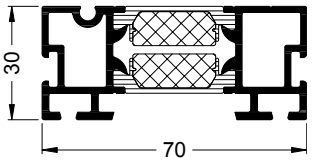




361 480 (AWS 70.HI)



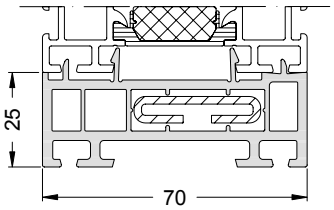
373 816 (AWS 70.HI)



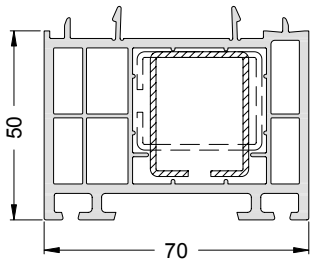
373 840 (AWS 70.HI)

Maßstab 1:2
Scale 1:2

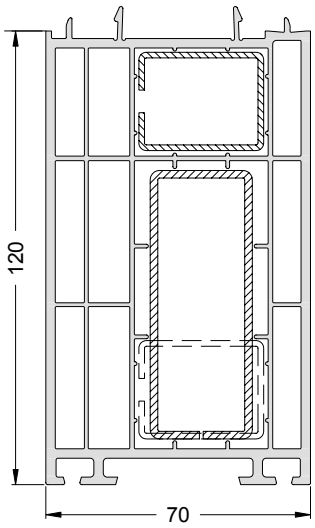
Blendrahmenverbreiterung
Outer frame extension



884 100 (AWS 75.SI+, AWS 70.HI)

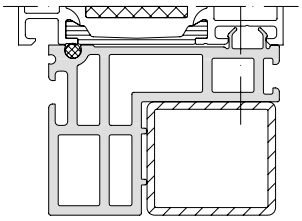


884 200 (AWS 75.SI+, AWS 70.HI)

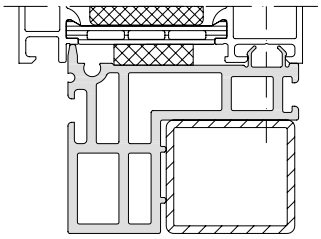


884 300 (AWS 75.SI+, AWS 70.HI)

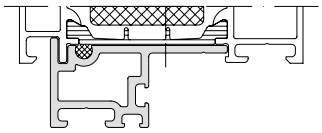
Basisprofile
Base profiles



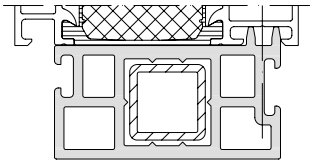
246 022 (AWS 75.SI+, AWS 70.HI)



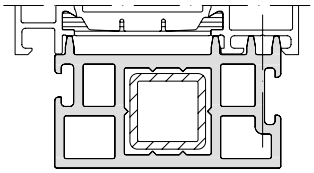
246 021 (AWS 75.SI+, AWS 70.HI)



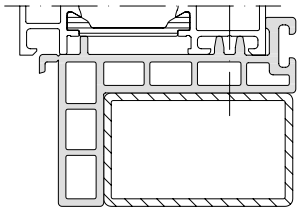
246 232 (AWS 75.SI+, AWS 70.HI)



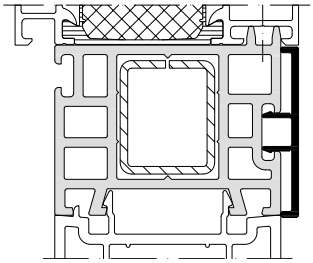
246 436 (AWS 75.SI+, AWS 70.HI)



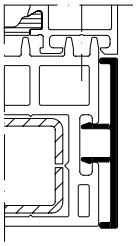
246 435 (AWS 75.SI+, AWS 70.HI)



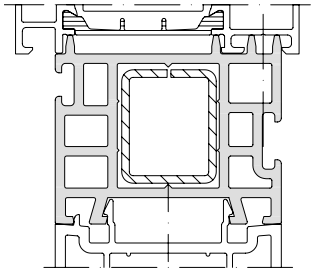
246 435 (AWS 70.HI)



246 438 (AWS 75.SI+)
246 441 (AWS 70.HI)



184 810 (AWS 75.SI+, AWS 70.HI)



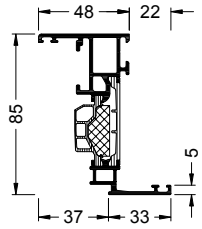
246 437 (AWS 75.SI+)
246 440 (AWS 70.HI)

Technical data
Technische Daten

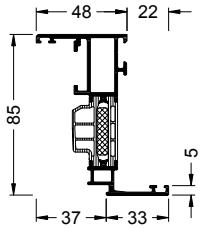
Profildarstellung in Schüco Fenster AWS 75.SI+
Schüco Window AWS 75.SI+ profiles shown

Maßstab 1:2
Scale 1:2

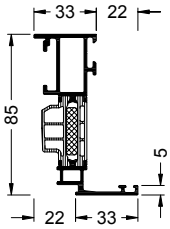
Flügelprofile
Vent profiles



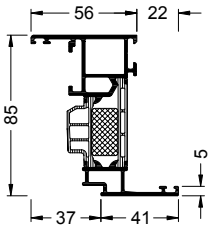
466 000 (AWS 75.SI+)
358 580 (AWS 70.HI)



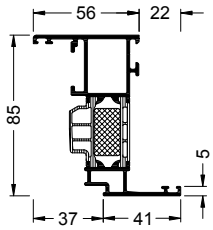
466 980 (AWS 75.SI+)
358 590 (AWS 70.HI)



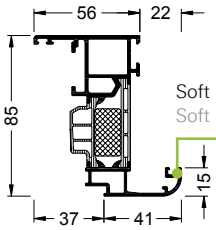
466 510 (AWS 75.SI+)
358 600 (AWS 70.HI)



466 470 (AWS 75.SI+)
358 610 (AWS 70.HI)

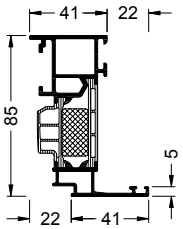


466 890 (AWS 75.SI+)
358 620 (AWS 70.HI)

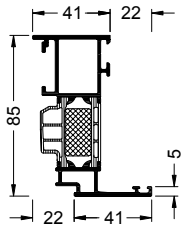


Soft Line-Variante
Soft Line type

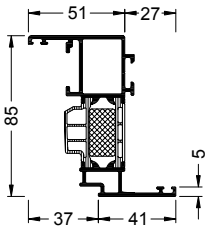
466 090 (AWS 75.SI+)
358 640 (AWS 70.HI)



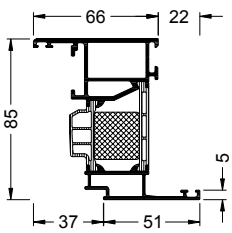
466 520 (AWS 75.SI+)
390 920 (AWS 70.HI)



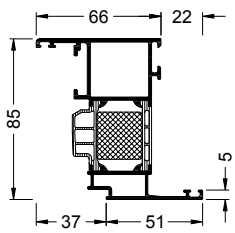
466 900 (AWS 75.SI+)
358 630 (AWS 70.HI)



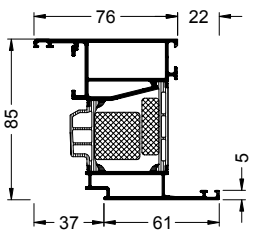
466 040 (AWS 75.SI+)
358 650 (AWS 70.HI)



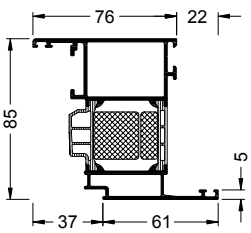
466 480 (AWS 75.SI+)
358 660 (AWS 70.HI)



466 910 (AWS 75.SI+)
382 940 (AWS 70.HI)



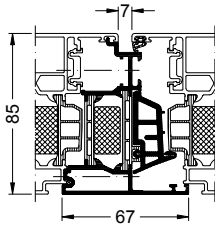
466 490 (AWS 75.SI+)
358 670 (AWS 70.HI)



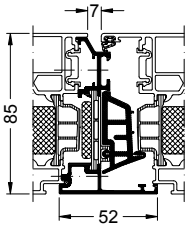
466 020 (AWS 75.SI+)
382 950 (AWS 70.HI)

Art.-Nr. Art. No.	x (m)	{} (mm)	IV	
Bautiefe 75 mm Basic depth 75 mm				
466 000	6,0	15,0	II	
466 020	6,0	43,0	V	
466 040	6,0	23,0	III	
466 090	6,0	23,0	III	
466 470	6,0	23,0	III	
466 480	6,0	33,0	IV	
466 490	6,0	43,0	V	
466 510	6,0	15,0	II	
466 520	6,0	23,0	III	
466 890	6,0	23,0	III	
466 900	6,0	23,0	III	
466 910	6,0	33,0	IV	
466 980	6,0	15,0	II	
Bautiefe 70 mm Basic depth 70 mm				
358 580	6,0	15,0	II	
358 590	6,0	15,0	II	
358 600	6,0	15,0	II	
358 610	6,0	23,0	III	
358 620	6,0	23,0	III	
358 630	6,0	23,0	III	
358 640	6,0	23,0	III	
358 650	6,0	23,0	III	
358 660	6,0	33,0	IV	
358 670	6,0	43,0	V	
382 940	6,0	33,0	IV	
382 950	6,0	43,0	V	
390 920	6,0	23,0	III	

Stulpprofile
Double-vent profiles



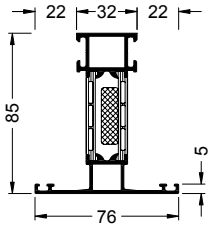
358 950 (AWS 75.SI+)
363 830 (AWS 70.HI)



382 530 (AWS 75.SI+)
358 540 (AWS 70.HI)

Art.-Nr. Art. No.	x m	mm	IV
Bautiefe 75 mm Basic depth 75 mm			
358 950	6,0	25,0	–
382 530	6,0	–	–
Bautiefe 70 mm Basic depth 70 mm			
358 540	6,0	25,0	–
363 830	6,0	–	–

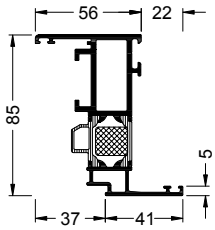
Flügelsprosse
Vent sash bar



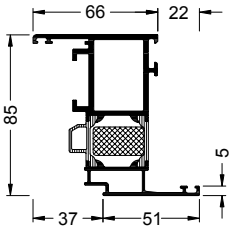
382 540 (AWS 75.SI+)
358 530 (AWS 70.HI)

Art.-Nr. Art. No.	x m	mm	IV
Bautiefe 75 mm Basic depth 75 mm			
382 540	6,0	22,0	–
Bautiefe 70 mm Basic depth 70 mm			
358 530	6,0	22,0	–

Flügelprofile Kurbeldrehkipp
Crank-operated turn/tilt vent profiles



368 760 (AWS 75.SI+)
358 700 (AWS 70.HI)



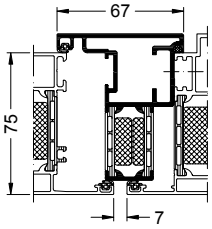
368 770 (AWS 75.SI+)
358 710 (AWS 70.HI)

Art.-Nr. Art. No.	x m	mm	IV
Bautiefe 75 mm Basic depth 75 mm			
368 760	6,0	23,0	III
368 770	6,0	33,0	IV
Bautiefe 70 mm Basic depth 70 mm			
358 700	6,0	23,0	III
358 710	6,0	33,0	IV

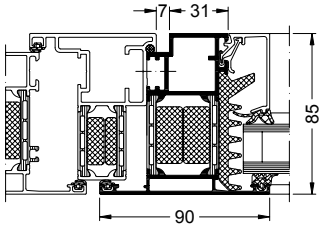
Profildarstellung in Schüco Fenster AWS 75.SI+
Schüco Window AWS 75.SI+ profiles shown

Maßstab 1:4
Scale 1:4

Schwing- und Wendeflügel
Horizontal and vertical pivot vents



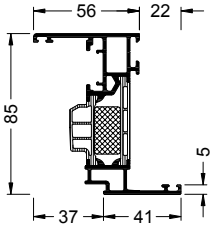
390 940 (AWS 75.SI+)
320 820 (AWS 70.HI)



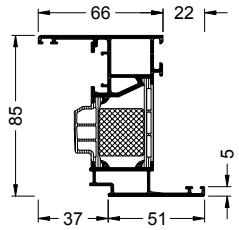
390 950 (AWS 75.SI+)
358 920 (AWS 70.HI)

Art.-Nr. Art. No.	x m	mm	IV
Bautiefe 75 mm Basic depth 75 mm			
390 940	6,0	25,5	–
390 950	6,0	38,0	–
Bautiefe 70 mm Basic depth 70 mm			
320 820	6,0	25,5	–
358 920	6,0	38,0	–

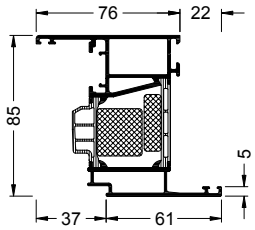
Flügelprofile Schüco TipTronic
Schüco TipTronic vent profiles



466 550 (AWS 75.SI+)
358 550 (AWS 70.HI)



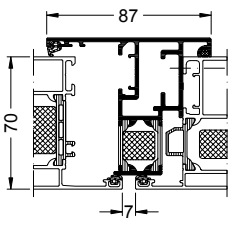
466 560 (AWS 75.SI+)
358 560 (AWS 70.HI)



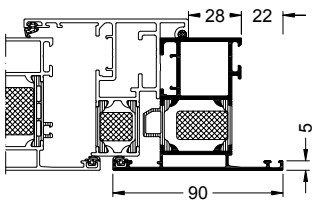
466 570 (AWS 75.SI+)
358 570 (AWS 70.HI)

Art.-Nr. Art. No.	x m	mm	IV
Bautiefe 75 mm Basic depth 75 mm			
466 550	6,0	23,0	III
466 560	6,0	33,0	IV
466 570	6,0	43,0	V
Bautiefe 70 mm Basic depth 70 mm			
358 550	6,0	23,0	III
358 560	6,0	33,0	IV
358 570	6,0	43,0	V

Schwing- und Wendeflügel Schüco TipTronic
Schüco TipTronic horizontal and vertical pivot vents



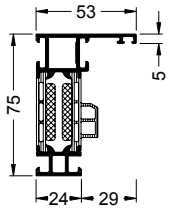
374 210 (AWS 70.HI)



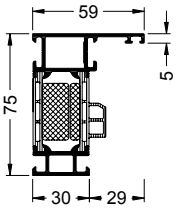
374 220 (AWS 70.HI)

Art.-Nr. Art. No.	x m	mm	IV
Bautiefe 70 mm Basic depth 70 mm			
374 210	6,0	38,0	–
374 220	6,0	23,0	–

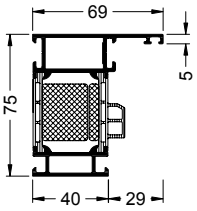
Grundprofile, nach außen öffnend
Basic profiles, outward-opening



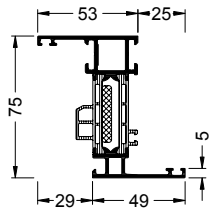
442 630 (AWS 75.SI+)
197 360 (AWS 70.HI)



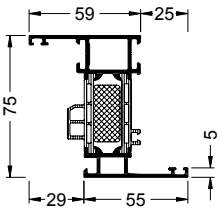
442 640 (AWS 75.SI+)
197 370 (AWS 70.HI)



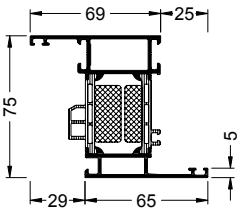
442 650 (AWS 75.SI+)
197 380 (AWS 70.HI)



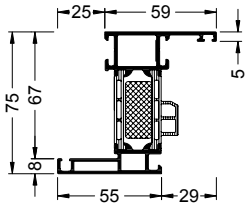
442 680 (AWS 75.SI+)
197 400 (AWS 70.HI)



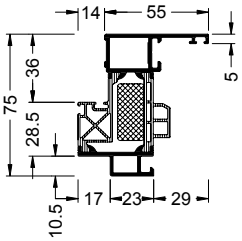
442 690 (AWS 75.SI+)
197 410 (AWS 70.HI)



442 700 (AWS 75.SI+)
197 420 (AWS 70.HI)



442 710 (AWS 75.SI+)
197 500 (AWS 70.HI)



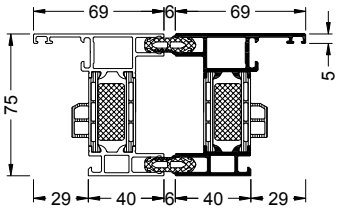
442 660 (AWS 75.SI+)
197 530 (AWS 70.HI)

Art.-Nr. Art. No.	x		I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 75 mm Basic depth 75 mm				
442 630	6,0	23,6	23,65	6,38
442 640	6,0	29,6	26,34	9,13
442 650	6,0	39,6	30,76	15,52
442 660	6,0	39,8	24,82	9,53
442 680	6,0	18,8	28,39	10,58
442 690	6,0	24,8	30,96	14,08
442 700	6,0	34,8	35,22	21,86
442 710	6,0	24,8	32,68	16,13
Bautiefe 70 mm Basic depth 70 mm				
197 360	6,0	23,6	19,98	6,38
197 370	6,0	29,6	22,26	9,13
197 380	6,0	39,6	26,	15,52
197 400	6,0	18,8	24,07	10,58
197 410	6,0	24,8	26,25	14,08
197 420	6,0	34,8	29,86	21,86
197 500	6,0	24,8	27,67	16,13
197 530	6,0	39,8	20,91	9,53

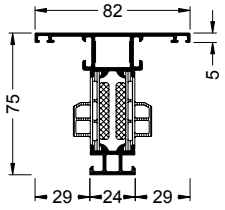
Profildarstellung in Schüco Fenster AWS 75.SI+
Schüco Window AWS 75.SI+ profiles shown

Maßstab 1:4
Scale 1:4

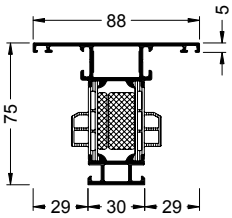
Grundprofile, nach außen öffnend
Basic profiles, outward-opening



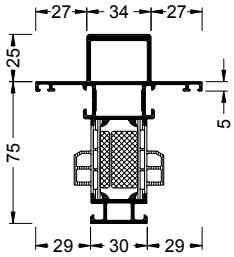
442 670 (AWS 75.SI+)
197 390 (AWS 70.HI)



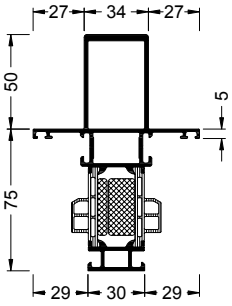
442 720 (AWS 75.SI+)
197 430 (AWS 70.HI)



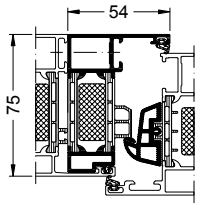
442 730 (AWS 75.SI+)
197 440 (AWS 70.HI)



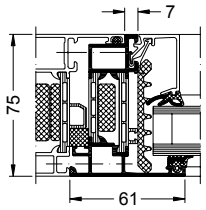
442 740 (AWS 75.SI+)
197 450 (AWS 70.HI)



442 750 (AWS 75.SI+)
197 460 (AWS 70.HI)



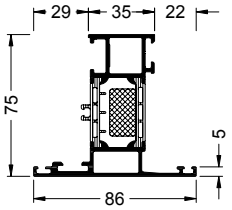
442 760 (AWS 75.SI+)
197 510 (AWS 70.HI)



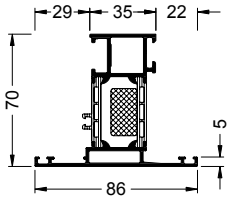
442 770 (AWS 75.SI+)
197 520 (AWS 70.HI)

Art.-Nr. Art. No.	x		I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 75 mm Basic depth 75 mm				
442 670	6,0	24,8	30,84	12,15
442 720	6,0	23,6	26,97	12,75
442 730	6,0	29,6	21,23	16,81
442 750	6,0	29,6	84,21	22,66
442 740	6,0	29,6	51,87	20,1
442 770	6,0	21,0	22,07	7,51
442 760	6,0	24,8	19,88	6,84
Bautiefe 70 mm Basic depth 70 mm				
197 390	6,0	24,8	26,1	12,15
197 430	6,0	23,6	22,89	12,75
197 440	6,0	29,6	25,35	16,81
197 450	6,0	29,6	45,83	20,1
197 460	6,0	29,6	77,04	22,66
197 510	6,0	24,8	16,72	6,84
197 520	6,0	21,0	18,45	7,51

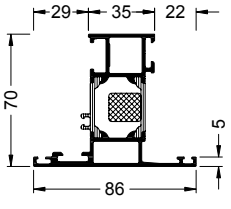
Flügelprofile, nach außen öffnend
Vent profiles, outward-opening



442 780*(AWS 75.SI+)



197 480 (AWS 70.HI)

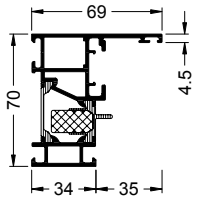


197 490 (AWS 70.HI)

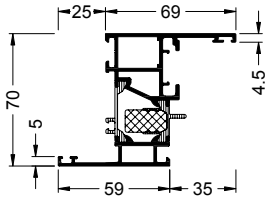
Art.-Nr. Art. No.	x		IV
	m	mm	
Bautiefe 75 mm Basic depth 75 mm			
442 780*	6,0	29,0	III.A
Bautiefe 70 mm Basic depth 70 mm			
197 480	6,0	29,0	III.A
197 490	6,0	29,0	III.A

* Standardisiertes Flügelprofil für Band- und Scherenlösung
Standardised vent profile for stay and hinge solution

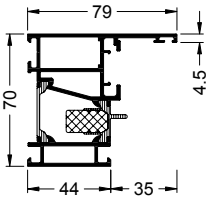
Grundprofile Schüco TipTronic, nach außen öffnend
Schüco TipTronic basic profiles, outward-opening



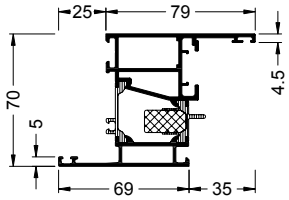
374 310 (AWS 70.HI)



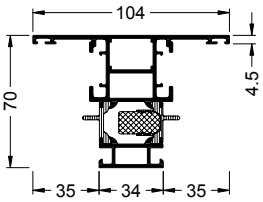
374 330 (AWS 70.HI)



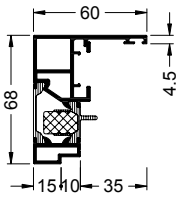
374 320 (AWS 70.HI)



374 340 (AWS 70.HI)



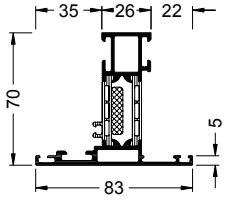
374 360 (AWS 70.HI)



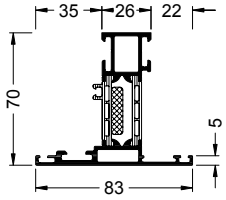
368 210 (AWS 70.HI)

Art.-Nr. Art. No.	x		I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 70 mm Basic depth 70 mm				
368 210	6,0	24,8	18,27	10,14
374 310	6,0	28,8	25,35	15,09
374 320	6,0	38,8	29,14	24,23
374 330	6,0	28,8	29,57	21,61
374 340	6,0	38,8	33,24	32,51
374 360	6,0	33,6	30,03	31,0

Flügelprofile Schüco TipTronic, nach außen öffnend
Schüco TipTronic vent profiles, outward-opening



374 350 (AWS 70.HI)



300 400 (AWS 70.HI)

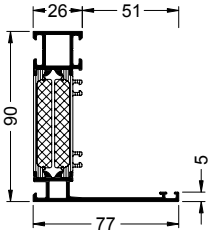
Art.-Nr. Art. No.	x		IV
	m	mm	
Bautiefe 70 mm Basic depth 70 mm			
300 400	6,0	20,8	III.A
374 350	6,0	20,8	III.A

Technical data
Technische Daten

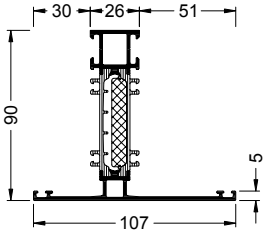
Maßstab 1:4
Scale 1:4

Profilübersicht Schüco Fenster AWS 90 BS.SI+
Overview of profiles for Schüco Window AWS 90 BS.SI+

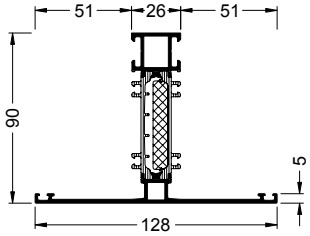
Grundprofile
Basic profiles



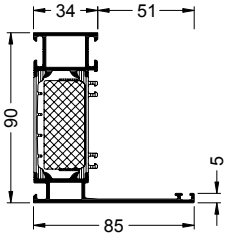
442 210



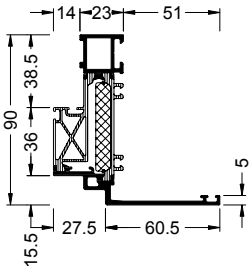
442 480



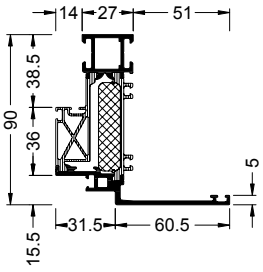
442 260



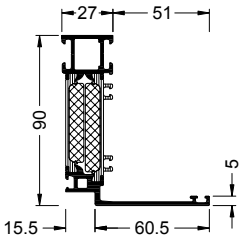
442 220



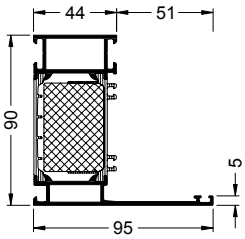
442 350



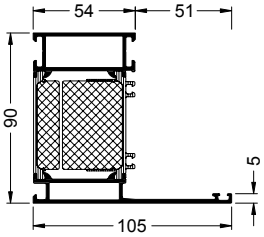
442 370



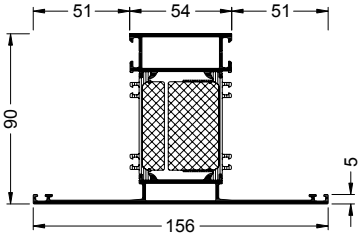
442 380



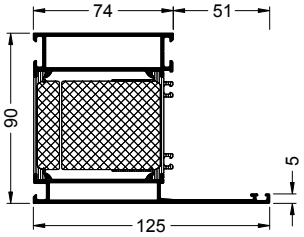
442 230



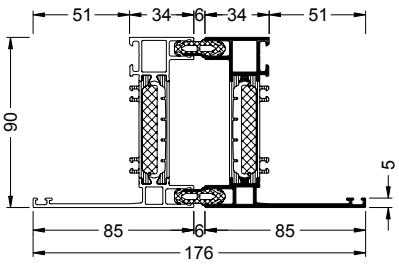
442 240



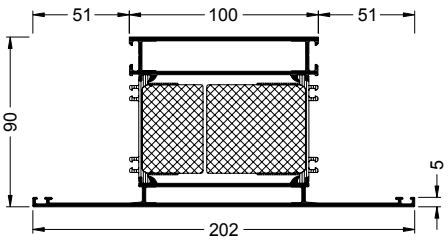
442 290



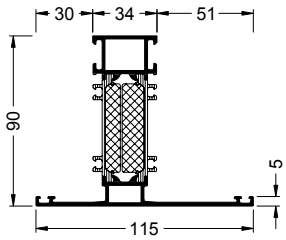
442 250



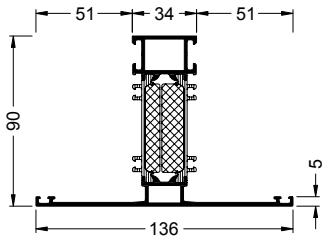
442 320



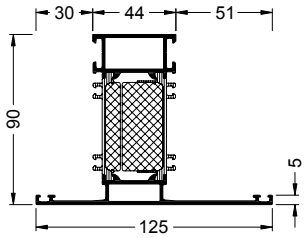
442 310



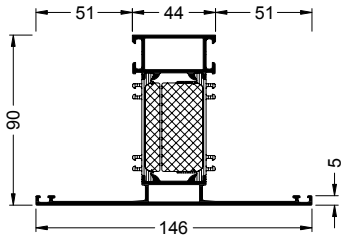
442 490



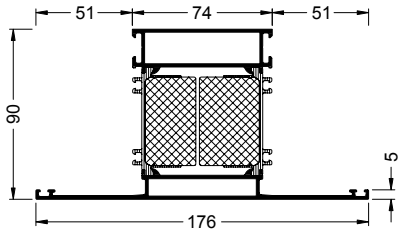
442 270



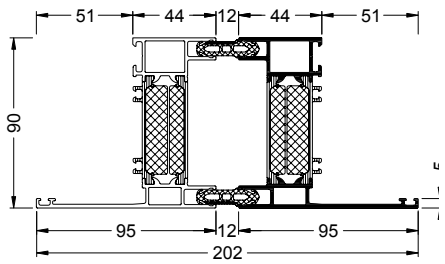
442 500



442 280



442 300

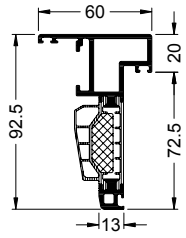


442 330

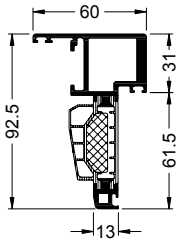
Art.-Nr. Art. No.	x		I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 90 mm Basic depth 90 mm				
442 210	6,0	20,8	33,42	18,43
442 220	6,0	28,8	37,69	24,27
442 230	6,0	38,8	43,02	33,86
442 240	6,0	48,8	48,32	46,29
442 250	6,0	68,8	58,89	81,05
442 260	6,0	16,0	38,69	42,43
442 270	6,0	24,0	43,8	52,06
442 280	6,0	34,0	49,5	66,82
442 290	6,0	44,0	55,05	84,93
442 300	6,0	64,0	66,08	132,58
442 310	6,0	90,0	89,09	228,86
442 320	6,0	16,0	36,94	20,86
442 330	6,0	24,0	42,9	29,01
442 350	6,0	16,0	30,29	19,46
442 370	6,0	20,0	34,1	22,37
442 380	6,0	20,0	33,35	18,51
442 480	6,0	16,0	36,7	27,28
442 490	6,0	24,0	52,97	34,88
442 500	6,0	34,0	47,17	46,89

Maßstab 1:4
Scale 1:4

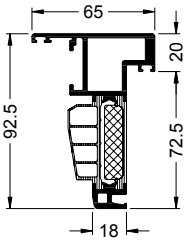
Flügelprofile
Vent profiles



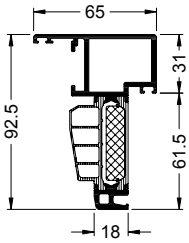
442 390



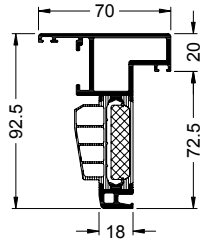
442 400



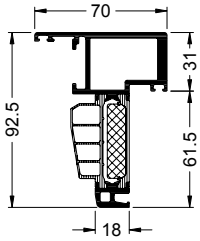
442 410



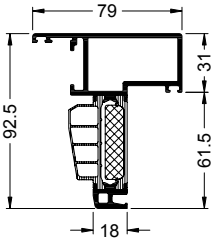
442 420



442 430



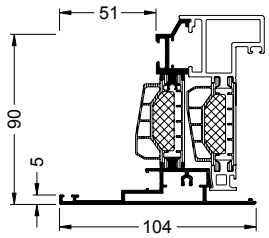
442 440



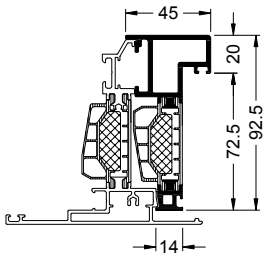
197 950

Art.-Nr. Art. No.	x m	mm	IV
Bautiefe 90 mm Basic depth 90 mm			
197 950	6,0	18,0	IV
442 390	6,0	13,0	II
442 400	6,0	13,0	III.A
442 410	6,0	18,0	III
442 420	6,0	18,0	III
442 430	6,0	18,0	III
442 440	6,0	18,0	III

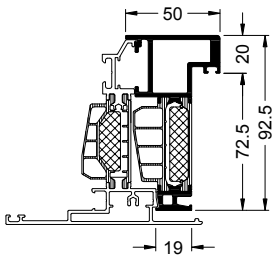
Stulpprofile und Stulpflügelprofile
Double-vent profiles



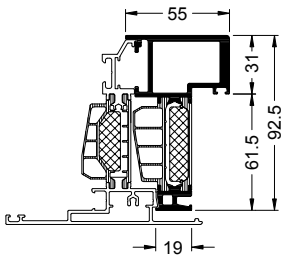
442 510



442 570



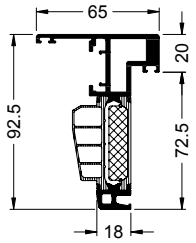
442 580



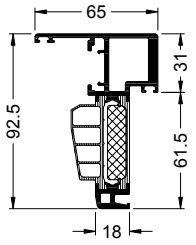
442 590

Art.-Nr. Art. No.	x m	mm	IV
Bautiefe 90 mm Basic depth 90 mm			
442 510	6,0	13,0	–
442 570	6,0	13,0	II.A
442 580	6,0	18,0	II
442 590	6,0	18,0	III

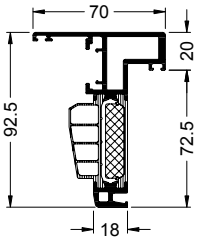
Flügelprofile Schüco TipTronic
Schüco TipTronic vent profiles



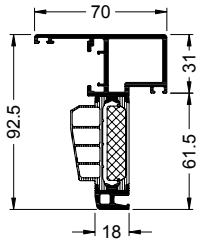
442 450



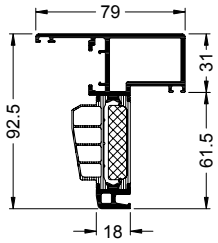
442 460



442 530



442 540

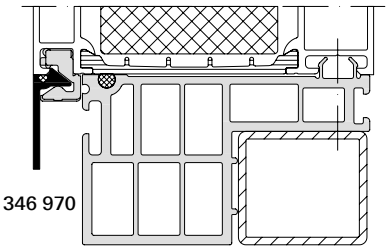


197 960

Art.-Nr. Art. No.	x m	mm	IV
Bautiefe 90 mm Basic depth 90 mm			
197 960	6,0	18,0	IV
442 450	6,0	18,0	III.A
442 460	6,0	18,0	III
442 530	6,0	18,0	III
442 540	6,0	18,0	III

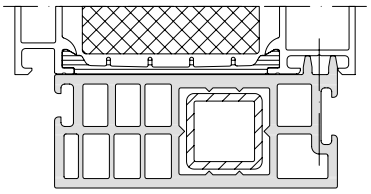
Maßstab 1:4
Scale 1:4

Basisprofile
Base profiles

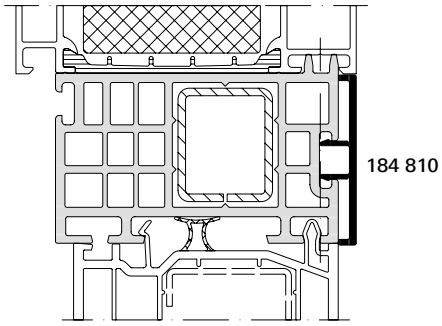


346 970

246 763



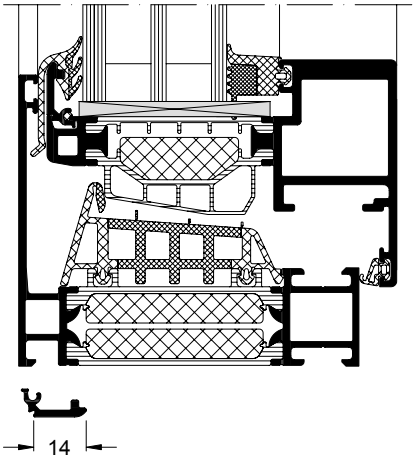
246 764



184 810

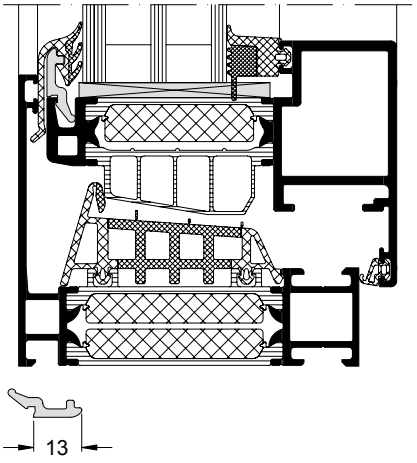
246 765

Glasleisten
Glazing beads



14

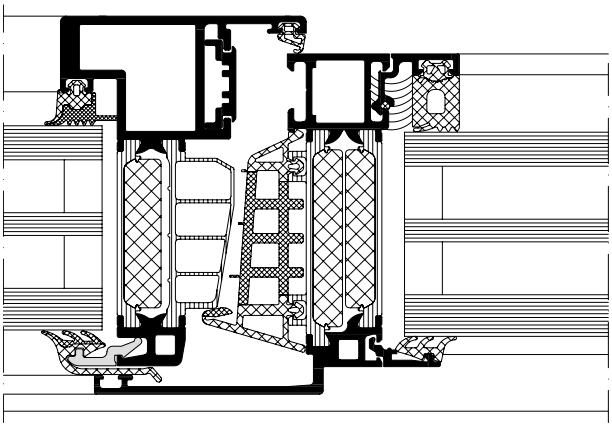
333 736



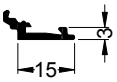
13

224 763

Glasleisten – „Schwimmendes Fenster“
Glazing beads – "floating window"



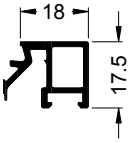
außen
outside



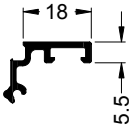
361 650
361 660*

* für eloxierte Profile
for anodised profiles

innen
inside

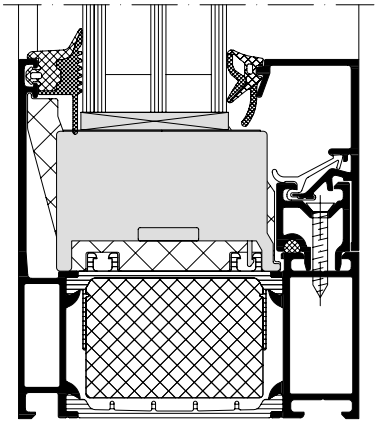


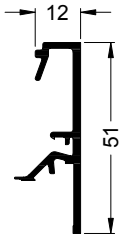
361 680



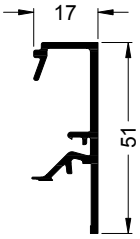
392 010

Glasleisten – Festverglasung
Glazing beads – fixed glazing

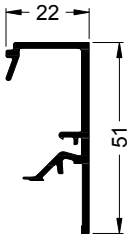




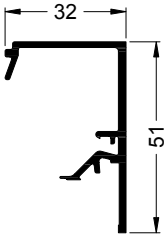
462 620



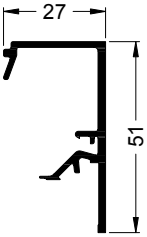
462 630



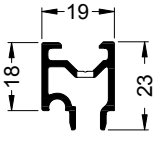
462 640



462 660



462 650



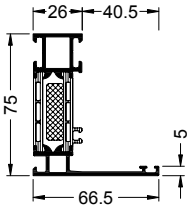
365 970

Maßstab 1:2
Scale 1:2

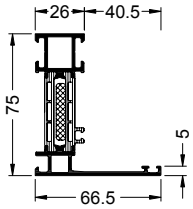
Profilübersicht Schüco Fenster AWS 75 BS.SI+/AWS 75 BS.HI+/AWS 70 BS.HI

Overview of profiles for Schüco Window AWS 75 BS.SI+/AWS 75 BS.HI+/AWS 70 BS.HI

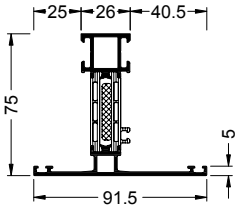
Grundprofile
Basic profiles



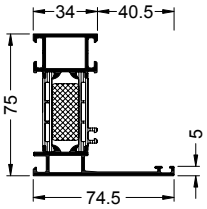
374 570 (AWS 75 BS.SI+, AWS 75 BS.HI+)
398 870 (AWS 70 BS.HI)



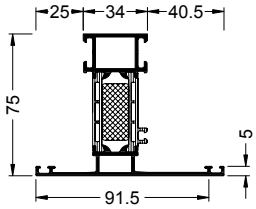
366 250 (AWS 75 BS.SI+, AWS 75 BS.HI+)
366 130 (AWS 70 BS.HI)



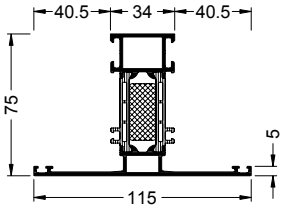
366 300 (AWS 75 BS.SI+, AWS 75 BS.HI+)
366 180 (AWS 70 BS.HI)



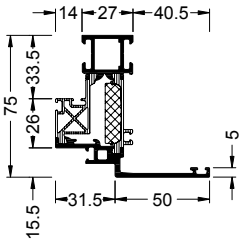
366 260 (AWS 75 BS.SI+, AWS 75 BS.HI+)
366 140 (AWS 70 BS.HI)



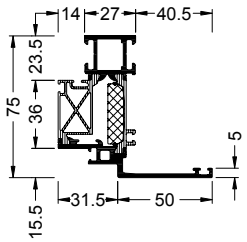
382 960 (AWS 75 BS.SI+, AWS 75 BS.HI+)
374 990 (AWS 70 BS.HI)



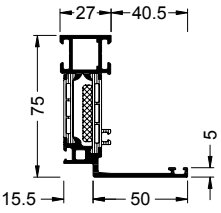
367 390 (AWS 75 BS.SI+, AWS 75 BS.HI+)
367 380 (AWS 70 BS.HI)



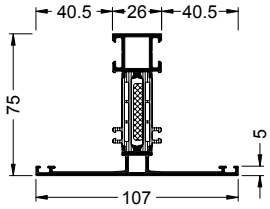
374 030 (AWS 75 BS.SI+, AWS 75 BS.HI+)
374 020 (AWS 70 BS.HI)



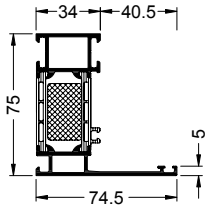
368 930 (AWS 75 BS.SI+, AWS 75 BS.HI+)
368 920 (AWS 70 BS.HI)



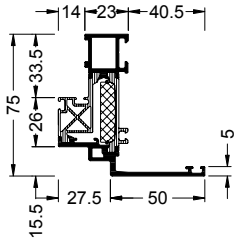
374 060 (AWS 75 BS.SI+, AWS 75 BS.HI+)
374 050 (AWS 70 BS.HI)



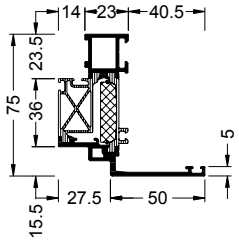
366 320 (AWS 75 BS.SI+, AWS 75 BS.HI+)
366 200 (AWS 70 BS.HI)



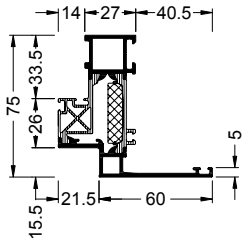
368 800 (AWS 75 BS.SI+, AWS 75 BS.HI+)
368 780 (AWS 70 BS.HI)



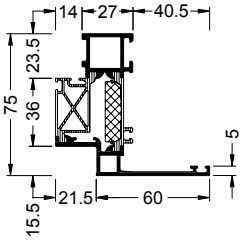
366 670 (AWS 75 BS.SI+, AWS 75 BS.HI+)
366 650 (AWS 70 BS.HI)



368 890 (AWS 75 BS.SI+, AWS 75 BS.HI+)
368 880 (AWS 70 BS.HI)



366 680 (AWS 75 BS.SI+, AWS 75 BS.HI+)
366 660 (AWS 70 BS.HI)



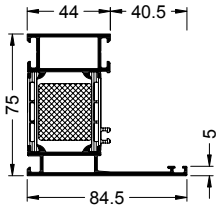
368 910 (AWS 75 BS.SI+, AWS 75 BS.HI+)
368 900 (AWS 70 BS.HI)

Art.-Nr. Art. No.	x		I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 75 mm Basic depth 75 mm				
366 250	6,0	16,0	25,95	11,79
366 260	6,0	24,0	29,69	16,58
366 300	6,0	16,0	28,85	17,73
366 320	6,0	16,0	30,3	25,92
366 670	6,0	16,0	23,41	13,15
366 680	6,0	20,0	25,59	15,43
367 390	6,0	24,0	34,31	33,36
368 800	6,0	29,0	29,58	17,02
368 890	6,0	16,0	23,41	13,16
368 910	6,0	20,0	25,59	15,43
368 930	6,0	20,0	26,31	15,51
374 030	6,0	20,0	26,31	15,51
374 060	6,0	20,0	25,78	12,22
374 570	6,0	20,8	26,16	12,19
382 960	6,0	24,0	31,77	22,41
Bautiefe 70 mm Basic depth 70 mm				
366 130	6,0	16,0	21,92	11,79
366 140	6,0	24,0	25,06	16,58
366 180	6,0	16,0	24,41	17,73
366 200	6,0	16,0	25,65	25,92
366 650	6,0	16,0	19,64	13,16
366 660	6,0	20,0	21,48	15,43
367 380	6,0	24,0	29,03	33,36
368 780	6,0	28,8	24,97	17,02
368 880	6,0	16,0	19,64	13,16
368 900	6,0	20,0	21,48	15,43
368 920	6,0	20,0	22,04	15,51
374 020	6,0	20,0	22,04	15,51
374 050	6,0	20,0	21,65	12,22
374 990	6,0	24,0	26,86	22,41
390 870	6,0	20,8	22,06	12,19

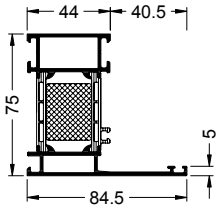
Profildarstellung in Schüco Fenster AWS 75 BS.SI+
Schüco Window AWS 75 BS.SI+ profiles shown

Maßstab 1:4
Scale 1:4

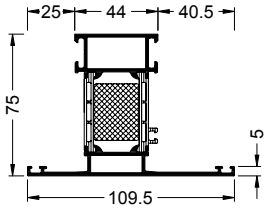
Grundprofile
Basic profiles



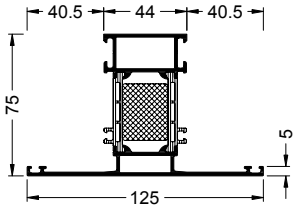
368 810 (AWS 75 BS.SI+, AWS 75 BS.HI+)
368 790 (AWS 70 BS.HI)



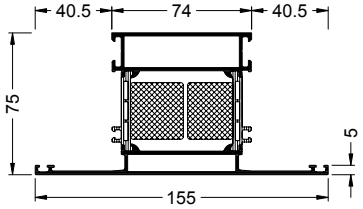
366 270 (AWS 75 BS.SI+, AWS 75 BS.HI+)
366 150 (AWS 70 BS.HI)



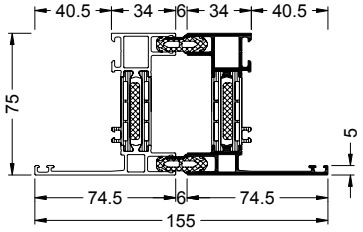
366 310 (AWS 75 BS.SI+, AWS 75 BS.HI+)
366 190 (AWS 70 BS.HI)



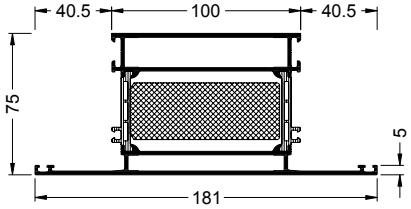
366 330 (AWS 75 BS.SI+, AWS 75 BS.HI+)
366 210 (AWS 70 BS.HI)



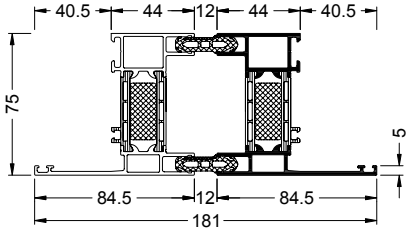
366 340 (AWS 75 BS.SI+, AWS 75 BS.HI+)
366 220 (AWS 70 BS.HI)



366 280 (AWS 75 BS.SI+, AWS 75 BS.HI+)
366 160 (AWS 70 BS.HI)



366 350 (AWS 75 BS.SI+, AWS 75 BS.HI+)
366 230 (AWS 70 BS.HI)



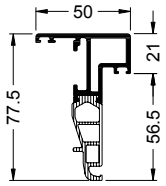
366 290 (AWS 75 BS.SI+, AWS 75 BS.HI+)
366 170 (AWS 70 BS.HI)

Art.-Nr. Art. No.	x		I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 75 mm Basic depth 75 mm				
366 270	6,0	34,0	33,96	24,69
366 280	6,0	16,0	29,23	14,18
366 290	6,0	24,0	34,01	21,03
366 310	6,0	34,0	37,12	33,91
366 330	6,0	34,0	38,81	45,21
366 340	6,0	64,0	52,02	100,86
366 350	6,0	90,0	71,25	187,08
368 810	6,0	39,0	33,85	25,26
Bautiefe 70 mm Basic depth 70 mm				
366 150	6,0	34,0	28,68	24,69
366 160	6,0	16,0	24,74	14,18
366 170	6,0	24,0	28,77	21,03
366 190	6,0	34,0	31,39	33,91
366 210	6,0	34,0	32,85	45,21
366 220	6,0	64,0	44,04	100,86
366 230	6,0	90,0	60,39	187,08
368 790	6,0	38,8	28,58	25,26

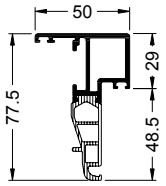
Profildarstellung in Schüco Fenster AWS 75 BS.SI+
Schüco Window AWS 75 BS.SI+ profiles shown

Flügelprofile Schüco Fenster AWS 75 BS.SI+

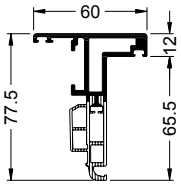
Schüco Window AWS 75 BS.SI+ vent profiles



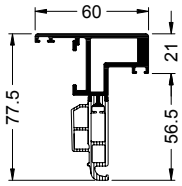
392 640



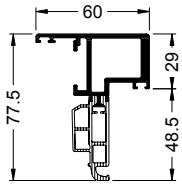
392 660



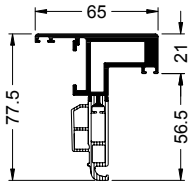
156 520



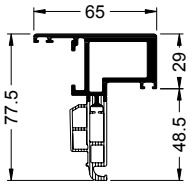
156 530



156 540



156 560

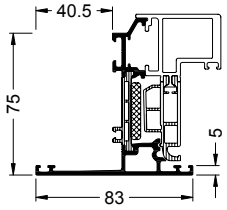


156 570

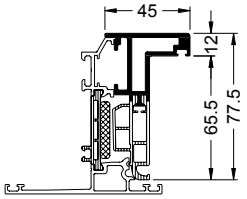
Art.-Nr. Art. No.	x m	mm	IV
Bautiefe 75 mm Basic depth 75 mm			
156 520	6,0	15,0	I
156 530	6,0	15,0	I
156 540	6,0	15,0	I
156 560	6,0	10,6	I
156 570	6,0	10,6	I
392 640	6,0	15,0	I
392 660	6,0	15,0	I

Stulpprofile und Stulpflügelprofile Schüco Fenster AWS 75 BS.SI+

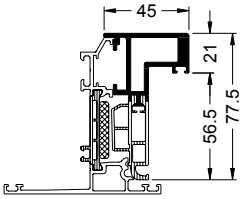
Schüco Window AWS 75 BS.SI+ double-vent profiles



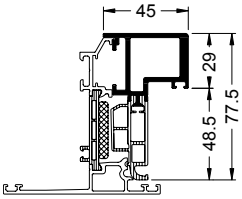
387 990



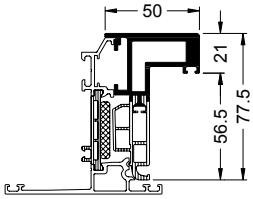
156 740



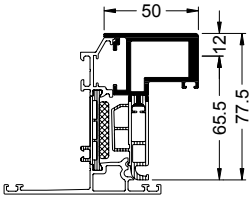
156 690



156 720



156 700

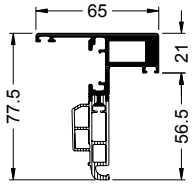


156 730

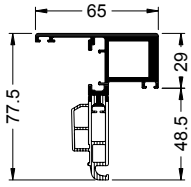
Art.-Nr. Art. No.	x m	mm	IV
Bautiefe 75 mm Basic depth 75 mm			
156 690	6,0	10,6	I
156 700	6,0	10,6	I
156 720	6,0	10,6	I
156 730	6,0	10,6	I
156 740	6,0	10,6	I
387 990	6,0	42,5	–

Flügelprofile Schüco TipTronic Schüco Fenster AWS 75 BS.SI+

Schüco TipTronic vent profiles Schüco Window AWS 75 BS.SI+



368 940



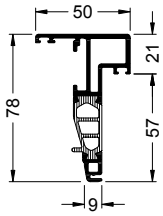
368 950

Art.-Nr. Art. No.	x m	mm	IV
Bautiefe 75 mm Basic depth 75 mm			
368 940	6,0	10,6	I
368 950	6,0	10,6	I

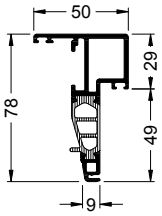
Maßstab 1:4
Scale 1:4

Flügelprofile Schüco Fenster AWS 75 BS.HI+/AWS 70 BS.HI

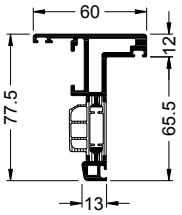
Schüco Window AWS 75 BS.HI+/AWS 70 BS.HI vent profiles



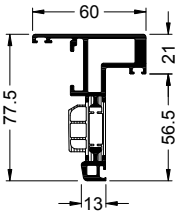
366 440 (AWS 75 BS.HI+)
366 370 (AWS 70 BS.HI)



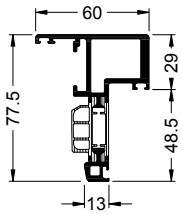
366 450 (AWS 75 BS.HI+)
366 380 (AWS 70 BS.HI)



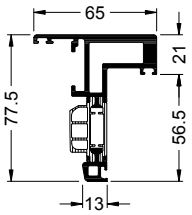
156 550 (AWS 75 BS.HI+)



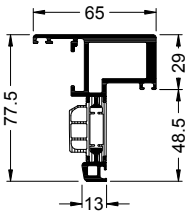
366 460 (AWS 75 BS.HI+)
366 400 (AWS 70 BS.HI)



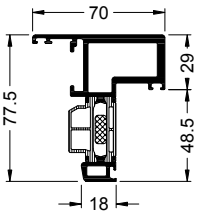
366 470 (AWS 75 BS.HI+)
366 410 (AWS 70 BS.HI)



366 480 (AWS 75 BS.HI+)
366 420 (AWS 70 BS.HI)



366 490 (AWS 75 BS.HI+)
366 430 (AWS 70 BS.HI)

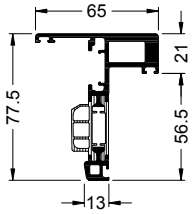


367 340 (AWS 75 BS.HI+)
366 570 (AWS 70 BS.HI)

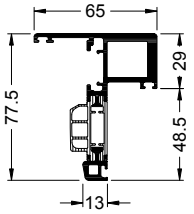
Art.-Nr. Art. No.	x m	mm	IV
Bautiefe 75 mm Basic depth 75 mm			
156 550	6,0	19,4	II
366 440	6,0	15,0	II.A
366 450	6,0	15,0	II.A
366 460	6,0	10,6	III.A
366 470	6,0	10,6	III.A
366 480	6,0	10,6	III
366 490	6,0	10,6	III
367 340	6,0	16,0	III
Bautiefe 70 mm Basic depth 70 mm			
366 370	6,0	15,0	II.A
366 380	6,0	15,0	II.A
366 400	6,0	10,6	III.A
366 410	6,0	10,6	III.A
366 420	6,0	10,6	III.A
366 430	6,0	10,6	III.A
366 570	6,0	16,0	III

Flügelprofile Schüco TipTronic Schüco Fenster AWS 75 BS.HI+/AWS 70 BS.HI

Schüco TipTronic vent profiles Schüco Window AWS 75 BS.HI+/AWS 70 BS.HI



366 520 (AWS 75 BS.HI+)
366 500 (AWS 70 BS.HI)

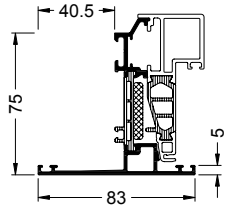


366 530 (AWS 75 BS.HI+)
366 510 (AWS 70 BS.HI)

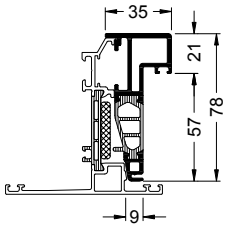
Art.-Nr. Art. No.	x m	mm	IV
Bautiefe 75 mm Basic depth 75 mm			
366 520	6,0	10,6	III.A
366 530	6,0	10,6	III.A
Bautiefe 70 mm Basic depth 70 mm			
366 500	6,0	10,6	III.A
366 510	6,0	10,6	III.A

Stulpprofile und Stulpflügelprofile Schüco Fenster AWS 75 BS.HI+/AWS 70 BS.HI

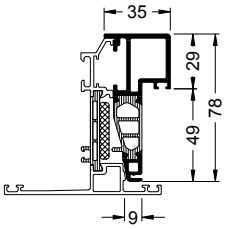
Schüco Window AWS 75 BS.HI+/AWS 70 BS.HI double-vent profiles



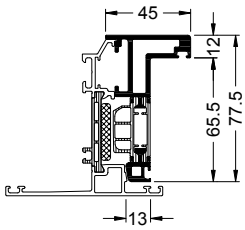
366 360 (AWS 75 BS.HI+)
366 240 (AWS 70 BS.HI)



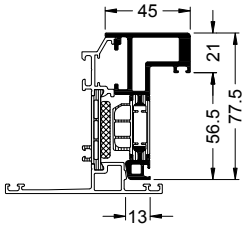
156 580 (AWS 75 BS.HI+)



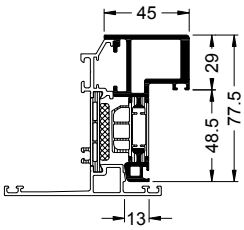
366 620 (AWS 75 BS.HI+)
366 580 (AWS 70 BS.HI)



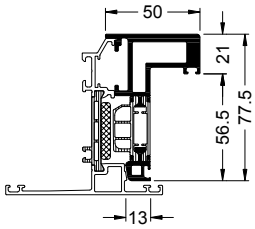
156 750 (AWS 75 BS.HI+)



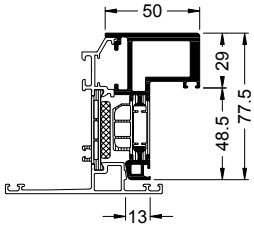
156 590 (AWS 75 BS.HI+)



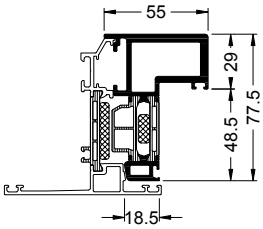
366 630 (AWS 75 BS.HI+)
366 590 (AWS 70 BS.HI)



156 670 (AWS 75 BS.HI+)



366 640 (AWS 75 BS.HI+)
366 600 (AWS 70 BS.HI)

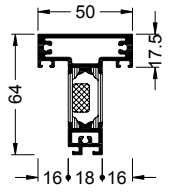


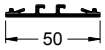
367 350 (AWS 75 BS.HI+)
366 610 (AWS 70 BS.HI)

Art.-Nr. Art. No.	x m	mm	IV
Bautiefe 75 mm Basic depth 75 mm			
156 580	6,0	15,0	I
156 590	6,0	19,5	II.A
156 670	6,0	19,4	III.A
156 750	6,0	19,4	I
366 360	6,0	–	–
366 620	6,0	15,0	II.A
366 630	6,0	10,6	III.A
366 640	6,0	10,6	III
367 350	6,0	16,0	III
Bautiefe 70 mm Basic depth 70 mm			
366 240	6,0	–	–
366 580	6,0	15,0	II.A
366 590	6,0	10,6	III.A
366 600	6,0	10,6	III.A
366 610	6,0	16,0	III

Ziersprosse und Deckschale Schüco Fenster AWS 75 BS.HI+/AWS 70 BS.HI

Schüco Window AWS 75 BS.HI+/AWS 70 BS.HI decorative sash bar and cover cap





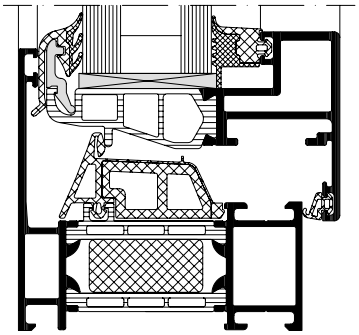
304 200

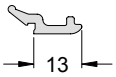
366 710 (AWS 75 BS.HI+)
366 700 (AWS 70 BS.HI)

Profildarstellung in Schüco Fenster AWS 75 BS.HI+
Schüco Window AWS 75 BS.HI+ profiles shown

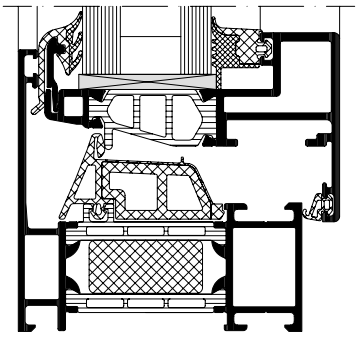
Maßstab 1:4
Scale 1:4

Glasleisten
Glazing beads

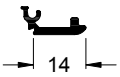




224 763 (AWS 75 BS.SI+)

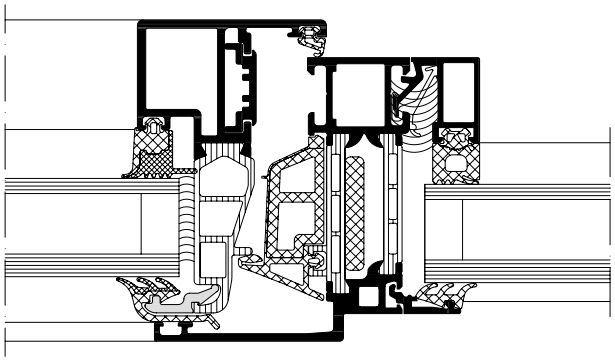


357 626 (AWS 75 BS.HI+, AWS 70 BS.HI)

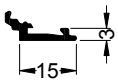


333 736 (AWS 75 BS.HI+, AWS 70 BS.HI)

Glasleisten – „Schwimmendes Fenster"
Glazing beads – "floating window"



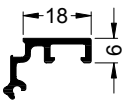
außen
outside



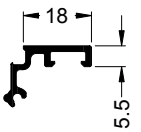
361 650
361 660*

*für eloxierte Profile
for anodised profiles

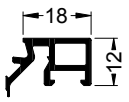
innen
inside



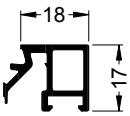
392 000 (AWS 75 BS.SI+, AWS 75 BS.HI+)



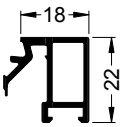
392 010 (AWS 70 BS.HI)



361 670 (AWS 75 BS.SI+, AWS 75 BS.HI+)

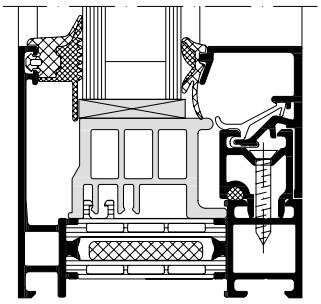


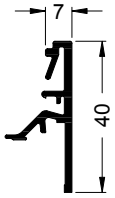
361 680 (AWS 70 BS.HI)



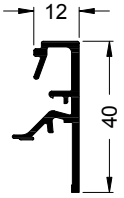
361 690 (AWS 75 BS.SI+, AWS 75 BS.HI+)

Glasleisten – Festverglasung
Glazing beads – fixed glazing

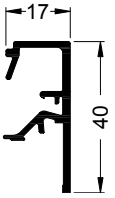




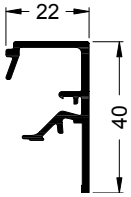
173 880



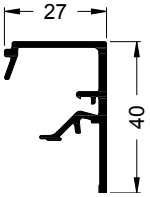
173 870



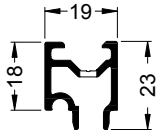
303 780



303 740

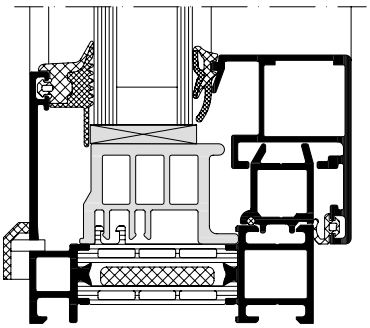


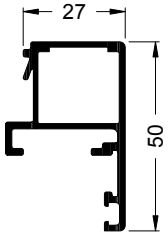
303 790



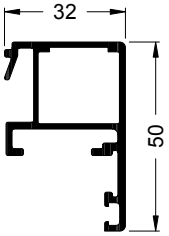
365 970

Blindflügelprofile
Blind vent profiles

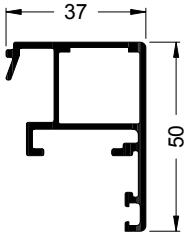




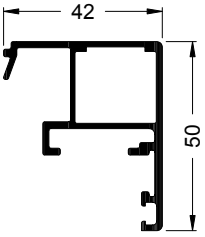
391 200



391 210



391 220

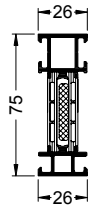


391 230

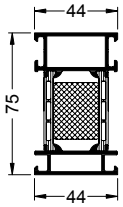
Maßstab 1:2
Scale 1:2

Profilübersicht
Schüco Fenster AWS 75 WF.SI+ / AWS 70 WF.HI
Overview of profiles for
Schüco Window AWS 75 WF.SI+ / AWS 70 WF.HI

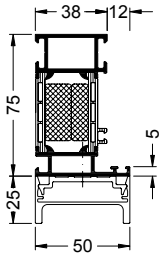
Grundprofile
Basic profiles



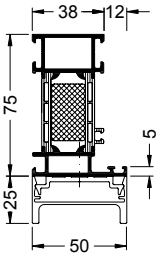
382 070 (AWS 75 WF.SI+)
358 090 (AWS 70 WF.HI)



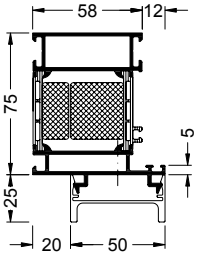
382 090 (AWS 75 WF.SI+)
358 110 (AWS 70 WF.HI)



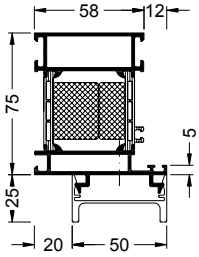
390 340 (AWS 75 WF.SI+)
399 910 (AWS 70 WF.HI)



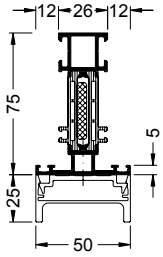
390 960 (AWS 75 WF.SI+)
366 720 (AWS 70 WF.HI)



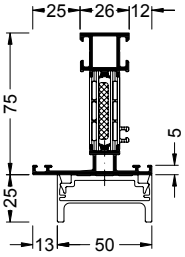
390 360 (AWS 75 WF.SI+)
399 930 (AWS 70 WF.HI)



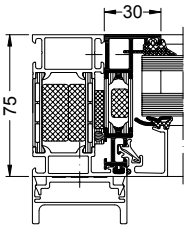
390 980 (AWS 75 WF.SI+)
366 740 (AWS 70 WF.HI)



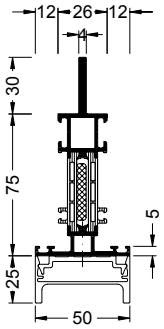
390 450 (AWS 75 WF.SI+)
366 850 (AWS 70 WF.HI)



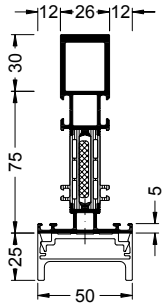
390 370 (AWS 75 WF.SI+)
366 750 (AWS 70 WF.HI)



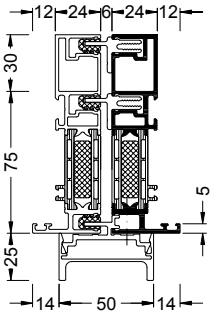
390 400 (AWS 75 WF.SI+)
366 780 (AWS 70 WF.HI)



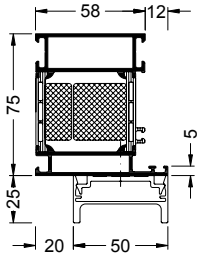
390 460 (AWS 75 WF.SI+)
366 860 (AWS 70 WF.HI)



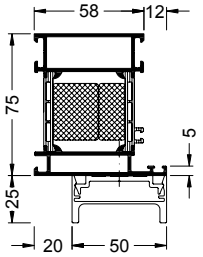
390 470 (AWS 75 WF.SI+)
366 870 (AWS 70 WF.HI)



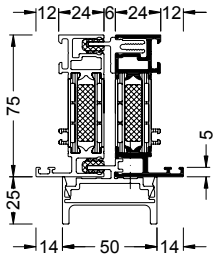
390 510 (AWS 75 WF.SI+)
366 910 (AWS 70 WF.HI)



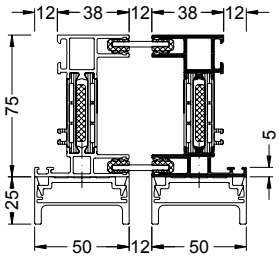
390 350 (AWS 75 WF.SI+)
399 920 (AWS 70 WF.HI)



390 970 (AWS 75 WF.SI+)
366 730 (AWS 70 WF.HI)



390 380 (AWS 75 WF.SI+)
366 760 (AWS 70 WF.HI)



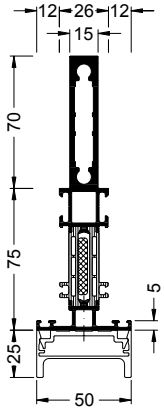
390 390 (AWS 75 WF.SI+)
366 770 (AWS 70 WF.HI)

Art.-Nr. Art. No.	x		I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 75 mm Basic depth 75 mm				
382 070	6,0	16,0	19,42	1,95
382 090	6,0	34,0	27,33	9,16
390 340	6,0	32,8	27,06	8,09
390 350	6,0	52,8	35,45	23,72
390 360	6,0	52,8	41,15	26,81
390 370	6,0	16,0	25,53	7,16
390 380	6,0	19,0	21,6	2,58
390 390	6,0	16,0	26,98	5,69
390 400	6,0	15,0	13,29	1,52
390 450	6,0	16,0	23,61	4,15
390 460	6,0	16,0	44,44	4,17
390 470	6,0	16,0	62,69	6,54
390 510	6,0	16,0	49,26	3,88
390 960	6,0	28,0	27,05	7,71
390 970	6,0	48,0	35,44	23,04
390 980	6,0	48,0	41,14	26,09
Bautiefe 70 mm Basic depth 70 mm				
358 090	6,0	16,0	16,31	1,95
358 110	6,0	34,0	22,97	9,16
366 720	6,0	28,0	22,78	7,71
366 730	6,0	48,0	29,88	23,04
366 740	6,0	48,0	34,88	26,09
366 750	6,0	16,0	21,57	7,16
366 760	6,0	19,0	18,13	2,58
366 770	6,0	16,0	22,8	5,69
366 780	6,0	15,0	10,97	1,52
366 850	6,0	16,0	19,92	4,15
366 860	6,0	16,0	38,97	4,17
366 870	6,0	16,0	55,68	6,54
366 910	6,0	16,0	43,65	3,88
382 070	6,0	16,0	19,42	1,95
399 910	6,0	32,8	22,78	8,09
399 920	6,0	32,8	29,89	23,72
399 930	6,0	32,8	34,89	26,81

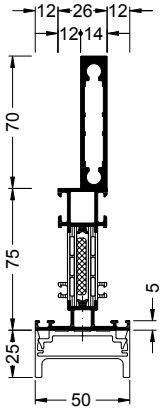
Profildarstellung in Schüco Fenster AWS 75 WF.SI+
Schüco Window AWS 75 WF.SI+ profiles shown

Maßstab 1:4
Scale 1:4

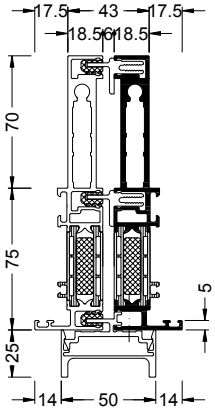
Grundprofile
Basic profiles



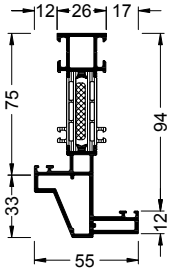
390 480 (AWS 75 WF.SI+)
366 880 (AWS 70 WF.HI)



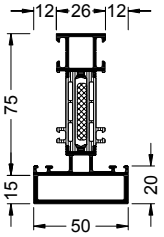
390 490 (AWS 75 WF.SI+)
366 890 (AWS 70 WF.HI)



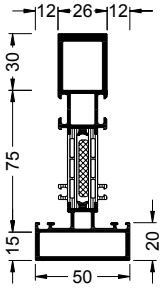
390 500 (AWS 75 WF.SI+)
366 900 (AWS 70 WF.HI)



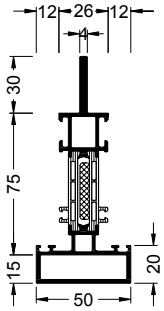
390 520 (AWS 75 WF.SI+)
366 810 (AWS 70 WF.HI)



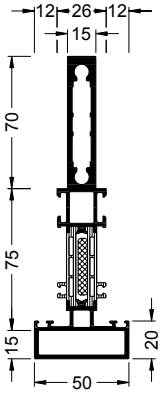
390 560 (AWS 75 WF.SI+)
366 920 (AWS 70 WF.HI)



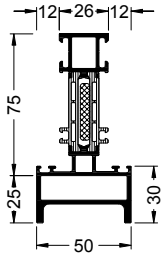
390 580 (AWS 75 WF.SI+)
366 940 (AWS 70 WF.HI)



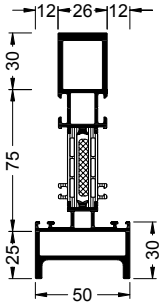
390 570 (AWS 75 WF.SI+)
366 930 (AWS 70 WF.HI)



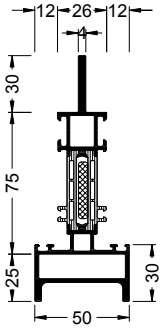
390 590 (AWS 75 WF.SI+)
366 950 (AWS 70 WF.HI)



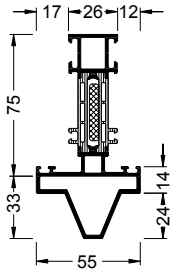
390 610 (AWS 75 WF.SI+)
366 970 (AWS 70 WF.HI)



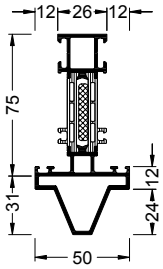
390 630 (AWS 75 WF.SI+)
367 010 (AWS 70 WF.HI)



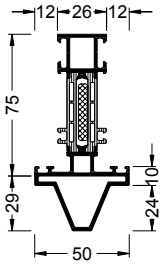
390 620 (AWS 75 WF.SI+)
366 980 (AWS 70 WF.HI)



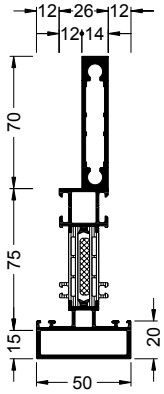
390 530 (AWS 75 WF.SI+)
366 820 (AWS 70 WF.HI)



390 540 (AWS 75 WF.SI+)
366 830 (AWS 70 WF.HI)



390 550 (AWS 75 WF.SI+)
366 840 (AWS 70 WF.HI)



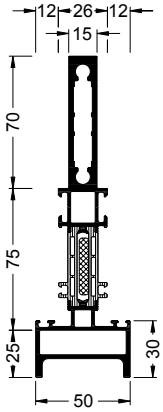
390 600 (AWS 75 WF.SI+)
366 960 (AWS 70 WF.HI)

Art.-Nr. Art. No.	x		I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 75 mm Basic depth 75 mm				
390 480	6,0	16,0	131,52	5,72
390 490	6,0	16,0	123,75	6,06
390 500	6,0	19,0	117,52	4,23
390 520	6,0	16,0	57,41	9,62
390 530	6,0	16,0	46,04	10,02
390 540	6,0	16,0	43,64	7,69
390 550	6,0	16,0	41,93	7,27
390 560	6,0	16,0	39,4	9,38
390 570	6,0	16,0	73,0	9,4
390 580	6,0	16,0	103,25	11,77
390 590	6,0	16,0	203,9	10,95
390 600	6,0	16,0	190,6	11,42
390 610	6,0	16,0	46,84	13,34
390 620	6,0	16,0	86,12	13,35
390 630	6,0	16,0	121,96	15,72
Bautiefe 70 mm Basic depth 70 mm				
366 810	6,0	16,0	50,94	9,62
366 820	6,0	16,0	40,29	10,02
366 830	6,0	16,0	38,09	7,69
366 840	6,0	16,0	36,49	7,27
366 880	6,0	16,0	122,03	5,72
366 890	6,0	16,0	114,91	6,06
366 900	6,0	19,0	109,06	4,23
366 920	6,0	16,0	34,07	9,38
366 930	6,0	16,0	64,64	9,4
366 940	6,0	16,0	92,54	11,77
366 950	6,0	16,0	188,22	10,95
366 960	6,0	16,0	175,74	11,42
366 970	6,0	16,0	40,88	13,34
366 980	6,0	16,0	76,64	13,35
367 010	6,0	16,0	109,66	15,72

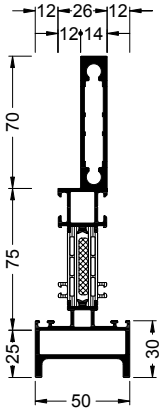
Profildarstellung in Schüco Fenster AWS 75 WF.SI+
Schüco Window AWS 75 WF.SI+ profiles shown

Maßstab 1:4
Scale 1:4

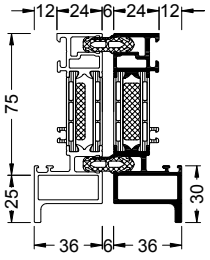
Grundprofile
Basic profiles



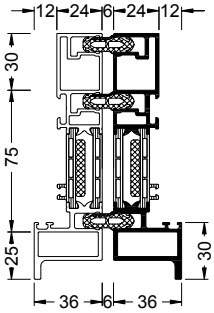
390 640 (AWS 75 WF.SI+)
367 020 (AWS 70 WF.HI)



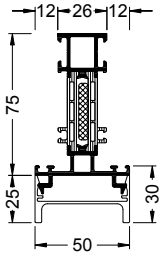
390 650 (AWS 75 WF.SI+)
367 030 (AWS 70 WF.HI)



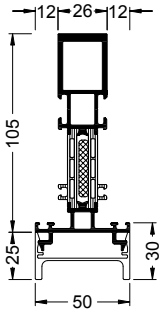
390 670 (AWS 75 WF.SI+)
367 050 (AWS 70 WF.HI)



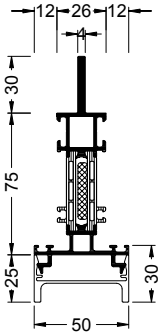
390 680 (AWS 75 WF.SI+)
367 060 (AWS 70 WF.HI)



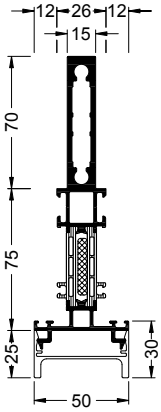
390 690 (AWS 75 WF.SI+)
367 070 (AWS 70 WF.HI)



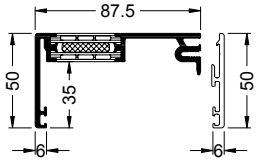
390 710 (AWS 75 WF.SI+)
367 090 (AWS 70 WF.HI)



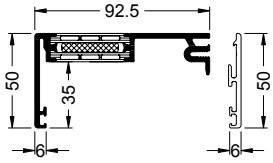
390 700 (AWS 75 WF.SI+)
367 080 (AWS 70 WF.HI)



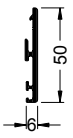
390 720 (AWS 75 WF.SI+)
367 100 (AWS 70 WF.HI)



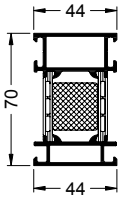
358 450 (AWS 75 WF.SI+)
358 970 (AWS 70 WF.HI)



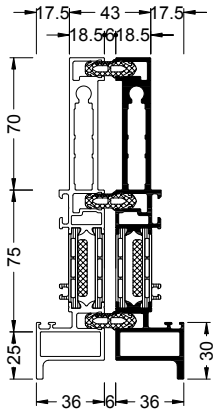
382 600 (AWS 75 WF.SI+)
358 450 (AWS 70 WF.HI)



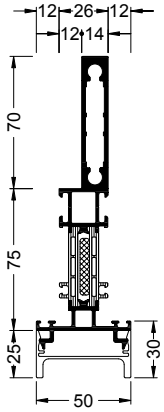
184 530



358 110 (AWS 75 WF.SI+)
367 120 (AWS 70 WF.HI)



390 660 (AWS 75 WF.SI+)
367 040 (AWS 70 WF.HI)



390 730 (AWS 75 WF.SI+)
367 110 (AWS 70 WF.HI)

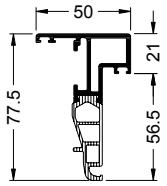
Art.-Nr. Art. No.	x		I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 75 mm Basic depth 75 mm				
184 530	6,0	–	–	–
358 110	6,0	34,0	22,97	9,16
358 450	6,0	15,0	5,67	53,51
382 600	6,0	15,0	5,67	61,12
390 640	6,0	16,0	237,59	14,9
390 650	6,0	16,0	221,43	15,42
390 660	6,0	19,0	197,15	8,58
390 670	6,0	19,0	41,43	6,44
390 680	6,0	19,0	89,72	7,81
390 690	6,0	16,0	28,54	6,15
390 700	6,0	16,0	53,7	6,17
390 710	6,0	16,0	75,97	8,54
390 720	6,0	16,0	155,5	7,72
390 730	6,0	16,0	145,96	8,11
Bautiefe 70 mm Basic depth 70 mm				
184 530	6,0	–	–	–
358 450	6,0	15,0	5,67	53,51
358 970	6,0	15,0	5,67	46,46
367 020	6,0	16,0	219,31	14,9
367 030	6,0	16,0	204,19	15,42
367 040	6,0	19,0	181,87	8,58
367 050	6,0	19,0	35,92	6,44
367 060	6,0	19,0	80,16	7,81
367 070	6,0	16,0	24,25	6,15
367 080	6,0	16,0	47,18	6,17
367 090	6,0	16,0	67,77	8,54
367 100	6,0	16,0	143,8	7,72
367 110	6,0	16,0	134,79	8,11
367 120	6,0	34,0	19,02	9,16

Maßstab 1:4
Scale 1:4

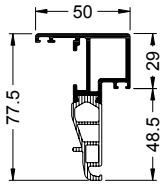
Profildarstellung in Schüco Fenster AWS 75 WF.SI+
Schüco Window AWS 75 WF.SI+ profiles shown

Flügelprofile Schüco Fenster AWS 75 WF.SI+

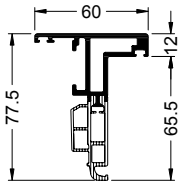
Schüco Window AWS 75 WF.SI+ vent profiles



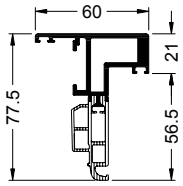
392 640



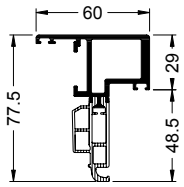
392 660



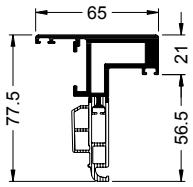
156 520



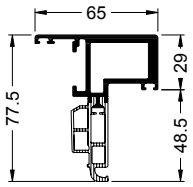
156 530



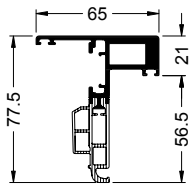
156 540



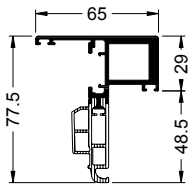
156 560



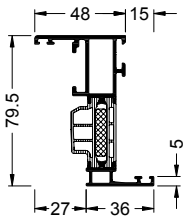
156 570



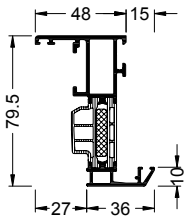
368 940



368 950



466 410

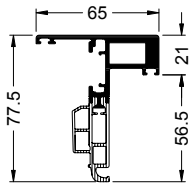


466 420

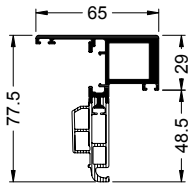
Art.-Nr. Art. No.	x m	mm	IV
Bautiefe 75 mm Basic depth 75 mm			
156 520	6,0	15,0	I
156 530	6,0	15,0	I
156 540	6,0	15,0	I
156 560	6,0	10,6	I
156 570	6,0	10,6	I
368 940	6,0	10,6	I
368 950	6,0	10,6	I
392 640	6,0	15,0	I
392 660	6,0	15,0	I
466 410	6,0	15,0	II
466 420	6,0	15,0	II

Flügelprofile Schüco TipTronic Schüco Fenster AWS 75 WF.SI+

Schüco TipTronic vent profiles Schüco Window AWS 75 WF.SI+



368 940

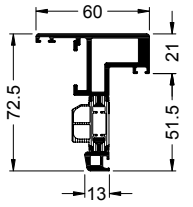


368 950

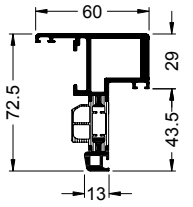
Art.-Nr. Art. No.	x m	mm	IV
Bautiefe 75 mm Basic depth 75 mm			
368 940	6,0	10,6	I
368 950	6,0	10,6	I

Flügelprofile Schüco Fenster AWS 70 WF.HI

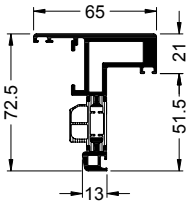
Schüco Window AWS 70 WF.HI vent profiles



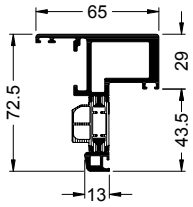
366 400



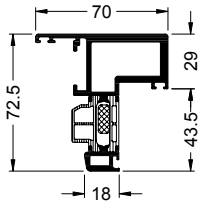
366 410



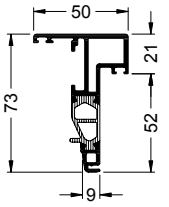
366 420



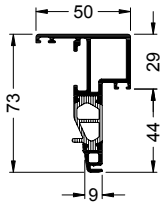
366 430



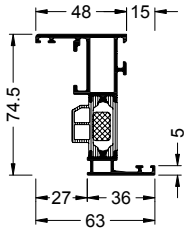
366 570



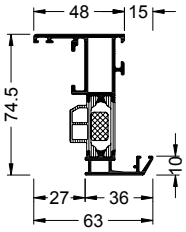
366 370



366 380



366 790

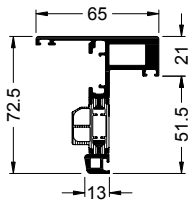


366 800

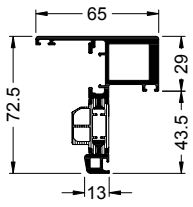
Art.-Nr. Art. No.	x m	mm	IV
Bautiefe 70 mm Basic depth 70 mm			
366 370	6,0	15,0	II.A
366 380	6,0	15,0	II.A
366 400	6,0	10,6	III.A
366 410	6,0	10,6	III.A
366 420	6,0	10,6	III.A
366 430	6,0	10,6	III.A
366 570	6,0	16,0	III
366 790	6,0	15,0	II
366 800	6,0	15,0	II

Flügelprofile Schüco TipTronic Schüco Fenster AWS 70 WF.HI

Schüco TipTronic vent profiles Schüco Window AWS 70 WF.HI



366 500



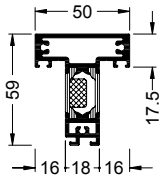
366 510

Art.-Nr. Art. No.	x m	mm	IV
Bautiefe 70 mm Basic depth 70 mm			
366 500	6,0	10,6	III.A
366 510	6,0	10,6	III.A

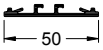
Technical data
Technische Daten

Maßstab 1:4
Scale 1:4

Ziersprosse und Deckschale
Decorative sash bar and cover cap

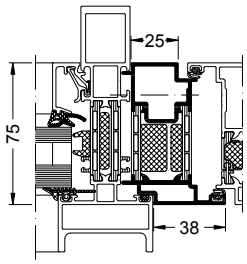


366 700 (AWS 70 WF.HI)

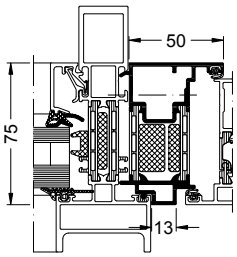


304 200 (AWS 70 WF.HI)

Türflügeladapter
Door leaf adapters

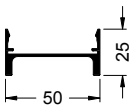


390 430 (AWS 75 WF.SI+)
397 550 (AWS 70 WF.HI)

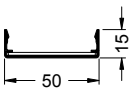


390 440 (AWS 75 WF.SI+)
397 580 (AWS 70 WF.HI)

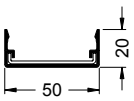
Deckschalen
Cover caps



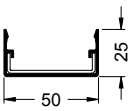
306 140



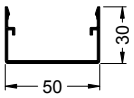
112 720



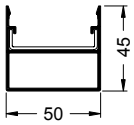
110 840



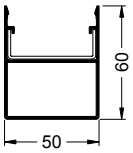
110 850



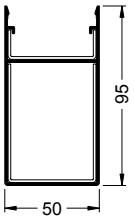
110 860



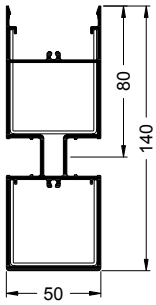
322 890



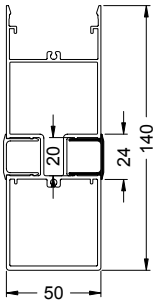
322 900



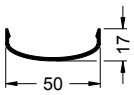
307 790



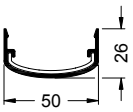
322 940



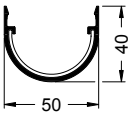
322 950



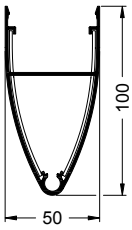
110 240



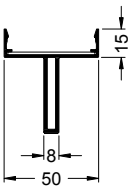
110 250



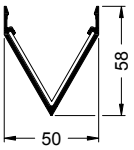
322 920



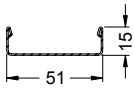
122 980



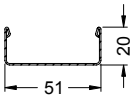
322 180



322 930



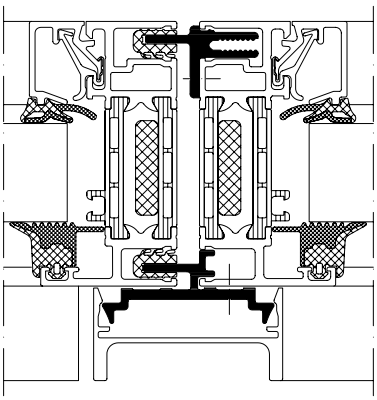
202 285

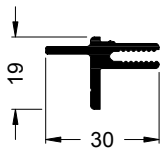


202 286

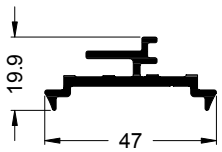
Maßstab 1:4
Scale 1:4

Zusatzprofile
Supplementary profiles

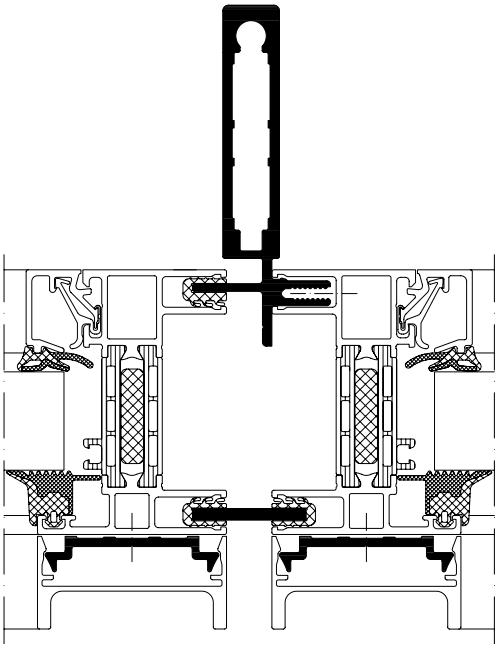


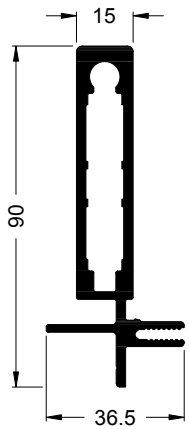


361 330

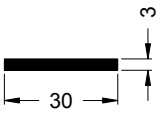


361 320

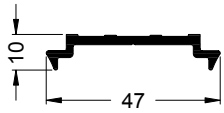




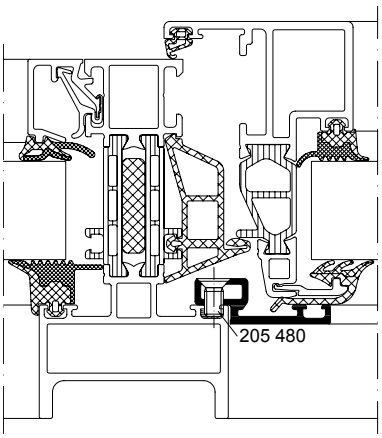
361 340

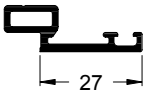


134 230

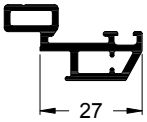


306 150

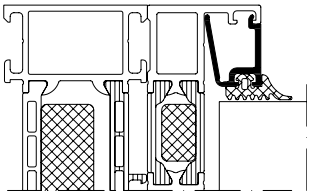




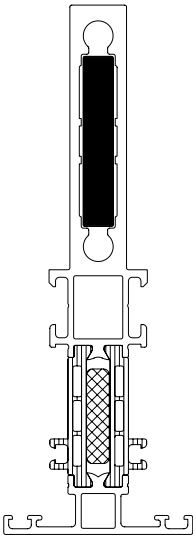
361 300

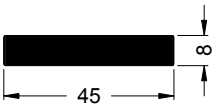


361 310



335 290

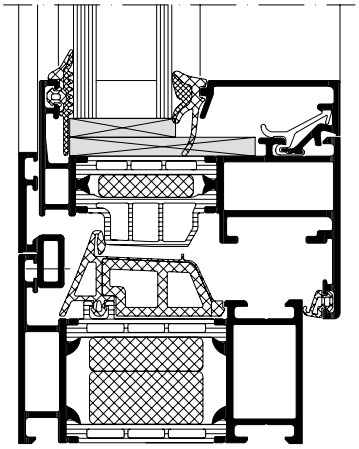




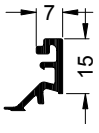
306 440

Maßstab 1:2
Scale 1:2

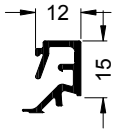
Glasleisten
Glazing beads



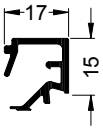
Verglasung von innen
Glazing from inside



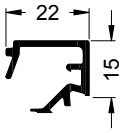
306 300



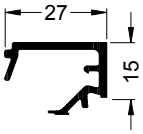
306 310



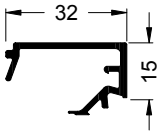
306 320



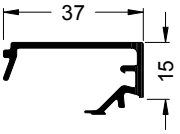
306 120



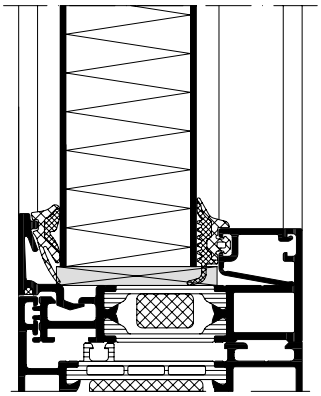
304 620



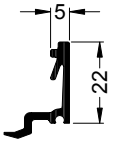
306 330



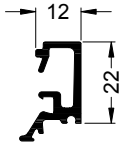
313 230



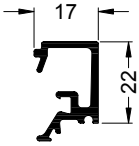
Verglasung von außen mit Wechselprofil
Glazing from outside with reverse rebate profile



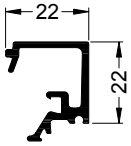
346 870



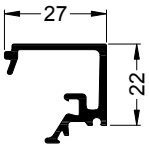
346 880



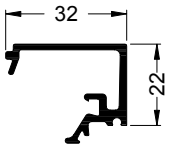
346 890



346 900

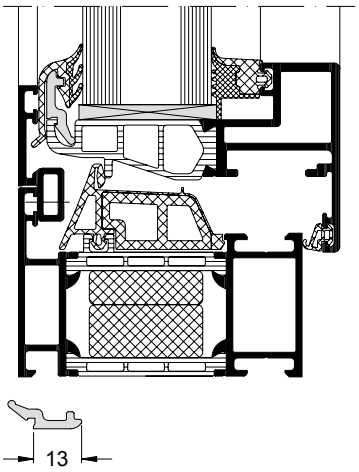


346 910

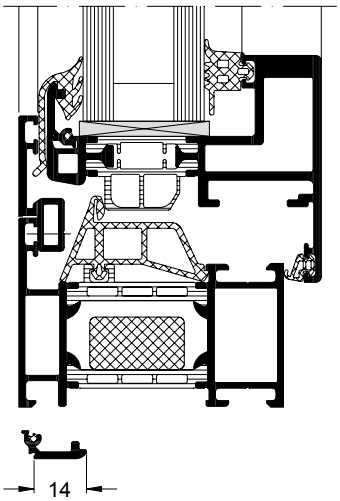


359 720

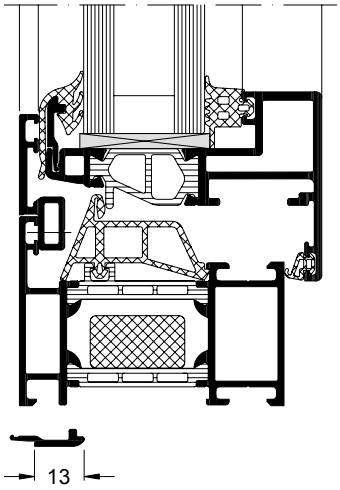
Glasleisten für Blockflügel
Glazing beads for block vents



224 763 (AWS 75 WF.SI+)



333 736 (AWS 70 WF.HI)

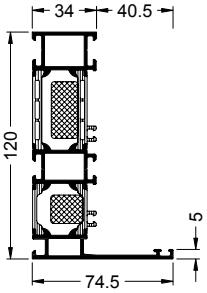


357 626 (AWS 70 WF.HI)

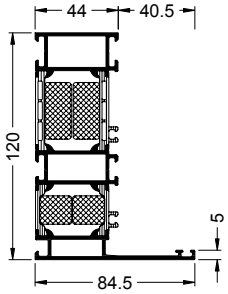
Maßstab 1:2
Scale 1:2

Profilübersicht Schüco Fenster AWS 120 CC.SI
Overview of profiles for Schüco Window AWS 120 CC.SI

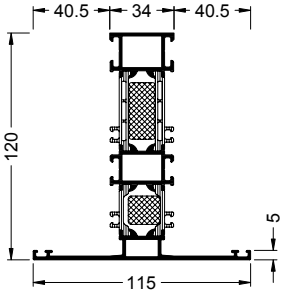
Grundprofile
Basic profiles



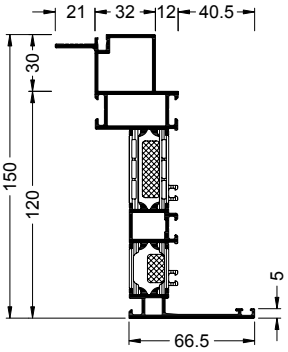
442 810



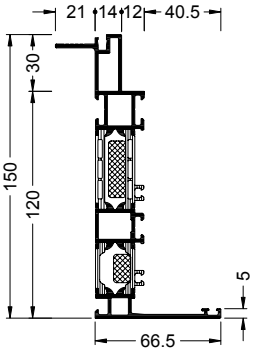
442 820



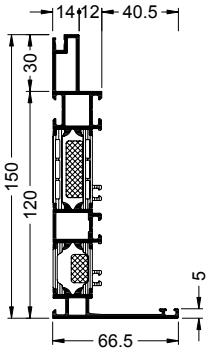
442 830



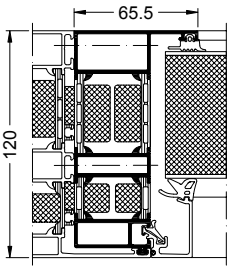
442 860



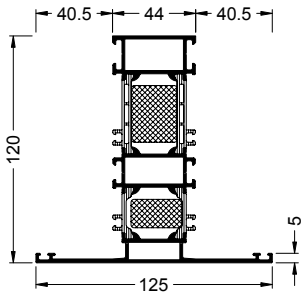
442 870



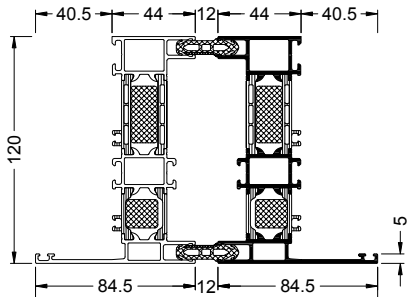
442 880



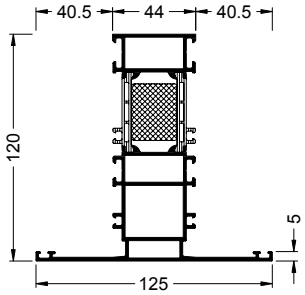
442 920



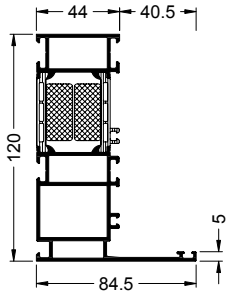
442 840



442 850



442 980

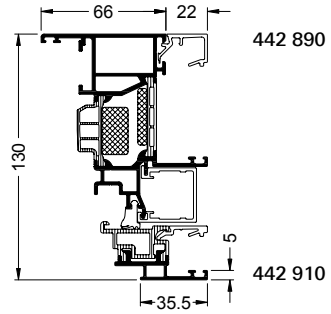


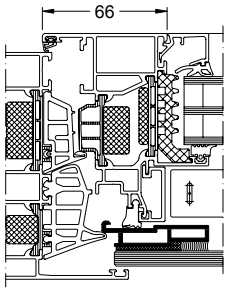
442 970

Art.-Nr. Art. No.	x	[ ]	I_x	I_y
	m	mm	cm^4	cm^4
442 810	6,0	28,8	90,93	20,6
442 820	6,0	38,8	103,93	31,82
442 830	6,0	24,0	103,85	35,7
442 840	6,0	34,0	117,27	50,2
442 850	6,0	24,0	103,17	23,59
442 860	6,0	20,8	172,37	33,07
442 870	6,0	20,8	153,8	18,5
442 880	6,0	20,8	136,21	15,66
442 920	6,0	40,1	81,55	18,39
442 970	6,0	38,8	105,91	34,05
442 980	6,0	34,0	119,29	52,86

Maßstab 1:4
Scale 1:4

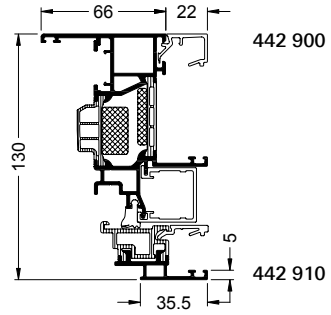
Flügelprofile
Vent profiles





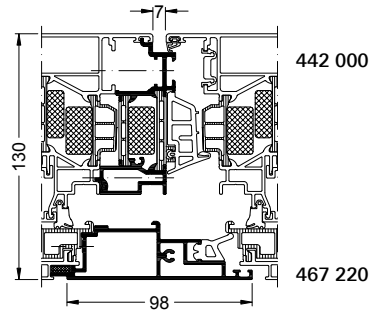
Art.-Nr. Art. No.	X m	mm	IV
442 890	6,0	33,0	IV
442 910	6,0	26,8	–
462 940	6,0	–	–

Flügelprofile Schüco TipTronic
Schüco TipTronic vent profiles



Art.-Nr. Art. No.	X m	mm	IV
442 900	6,0	33,0	III
442 910	6,0	26,8	–

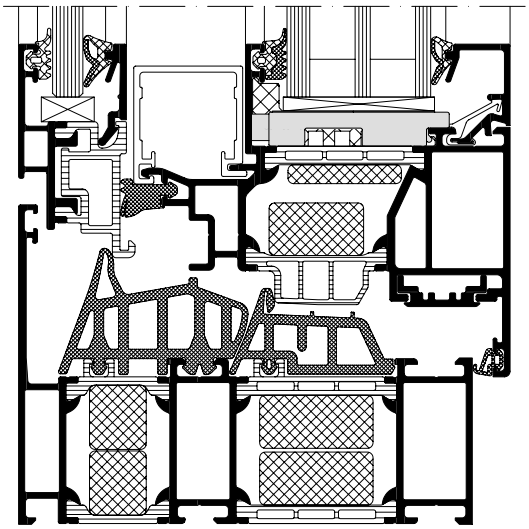
Stulpprofil
Double-vent profile



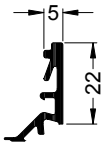
Art.-Nr. Art. No.	X m	mm	IV
442 000	6,0	25,0	–
467 220	6,0	–	–

Maßstab 1:4
Scale 1:4

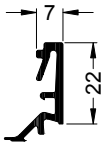
Glasleisten
Glazing beads



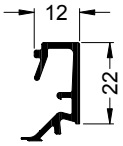
Verglasung Innenflügel
Glazing for inner vent



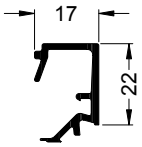
184 010



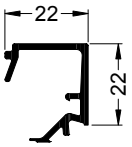
184 020



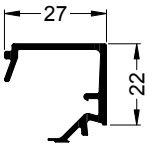
184 030



184 040

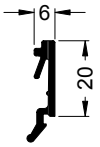


184 050



184 060

Verglasung Außenflügel
Glazing for outer vent

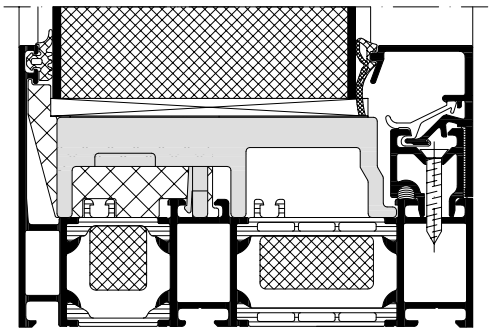


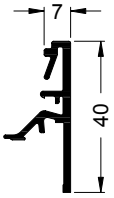
467 410
467 400*

* für eloxierte Profile
for anodised profiles

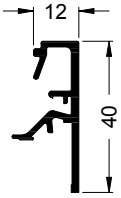
Maßstab 1:2
Scale 1:2

Glasleisten – Festverglasung
Glazing beads – fixed glazing

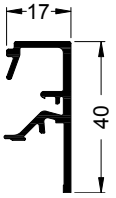




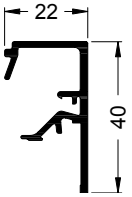
173 880



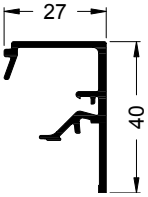
173 870



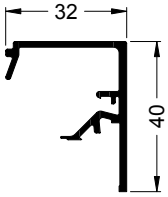
303 780



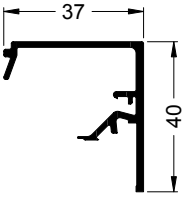
303 740



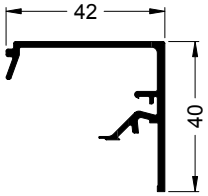
303 790



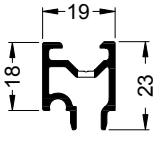
467 000



467 010

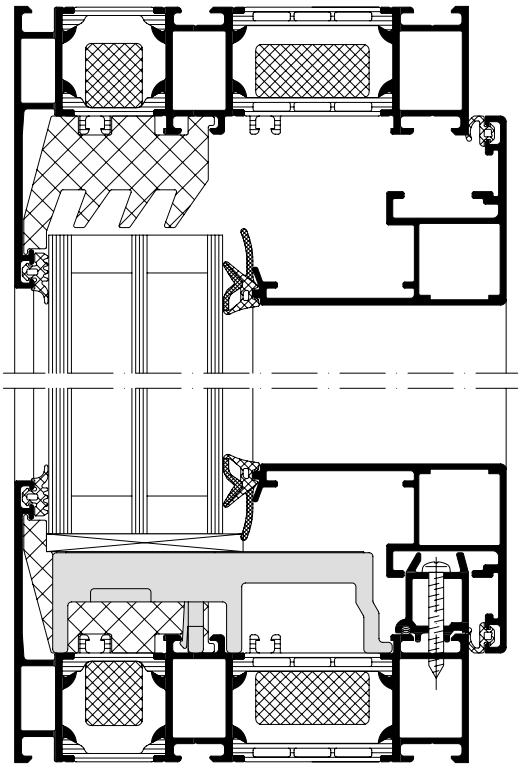


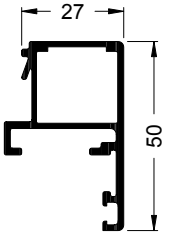
467 020



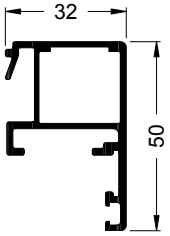
365 970

Blindflügelprofile
Blind vent profiles

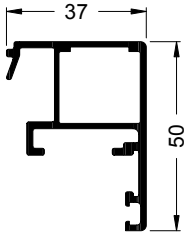




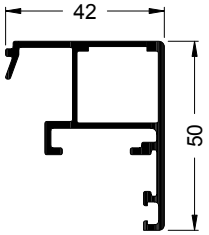
391 200



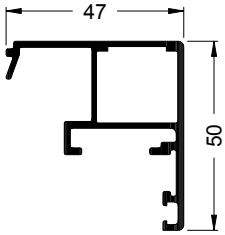
391 210



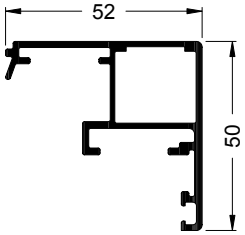
391 220



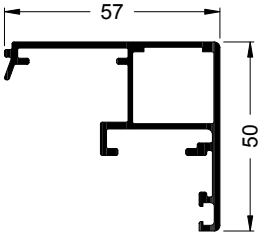
391 230



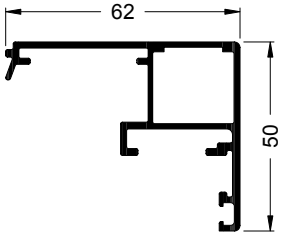
391 240



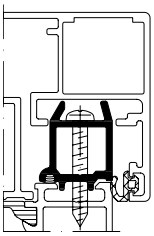
391 250

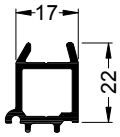


391 150

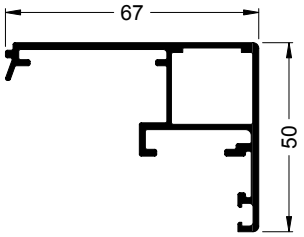


391 160

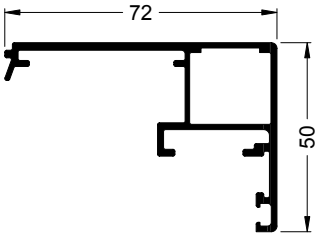




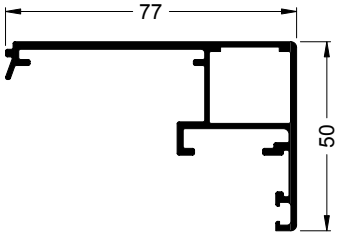
391 260



467 030



467 040



467 050

Maßstab 1:2
Scale 1:2

Profilübersicht Schüco Türen ADS
Overview of profiles for Schüco ADS doors

324 Profilübersicht Schüco Fenster AWS
Overview of profiles for Schüco AWS windows

Technische Daten
Technical data

390 Profilübersicht Schüco Türen ADS
Overview of profiles for Schüco ADS doors

392 Profilübersicht Schüco Tür ADS 90.SI
Overview of profiles for Schüco Door ADS 90.SI

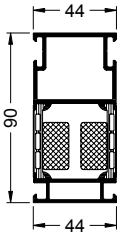
400 Profilübersicht Schüco Tür ADS 75.SI/ADS 75 HD.HI
Overview of profiles for Schüco Door ADS 75.SI/ADS 75 HD.HI

412 Profilübersicht Schüco Tür ADS 65.NI
Overview of profiles for Schüco Door ADS 65.NI

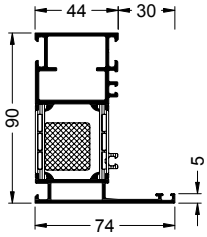
420 Profilübersicht serienübergreifend
Overview of profiles for all series

Profilübersicht Schüco Tür ADS 90.SI
Overview of profiles for Schüco Door ADS 90.SI

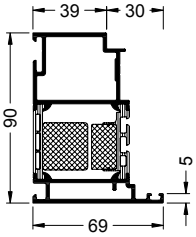
Türblendrahmen
Door outer frames



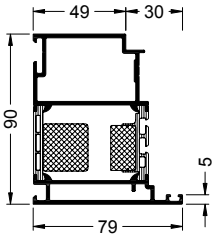
430 580



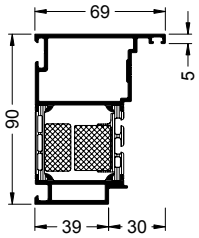
439 010



356 990



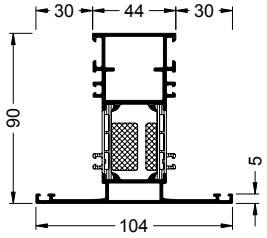
430 760



439 300

Art.-Nr. Art. No.	x		I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 90 mm Basic depth 90 mm				
356 990	5,5	50,8	52,5	24,43
430 580	6,0	44,0	42,76	13,57
430 760	5,5	60,8	59,23	37,59
439 010	6,0	38,8	49,99	22,42
439 300	5,5	46,8	53,03	24,66

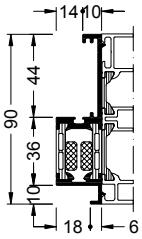
Riegel/Pfosten
Transom/mullion



439 020

Art.-Nr. Art. No.	x		I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 90 mm Basic depth 90 mm				
439 020	6,0	34,0	56,93	32,74

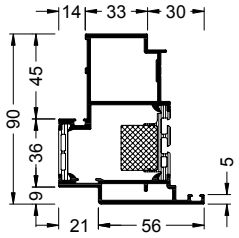
Adapterprofil
Adapter profile



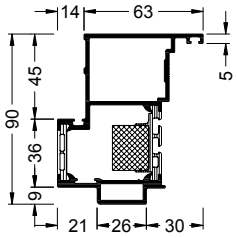
439 050

Art.-Nr. Art. No.	x		I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 90 mm Basic depth 90 mm				
439 050	6,0	24,0	17,01	1,97

Einsatzblendrahmen
Insert outer frame



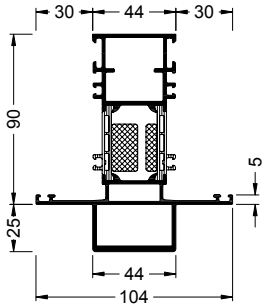
439 040



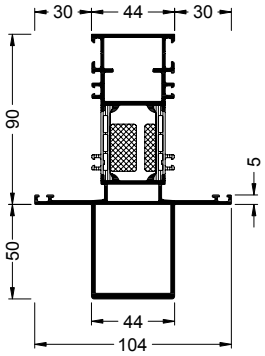
439 310

Art.-Nr. Art. No.	x	I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 90 mm Basic depth 90 mm				
439 040	5,5	59,0	48,12	27,03
439 310	5,5	55,0	49,35	27,41

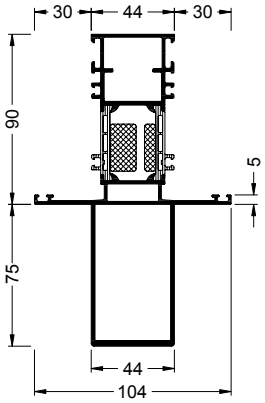
Statikpfosten
Structural mullions



439 470



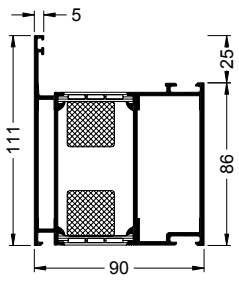
439 480



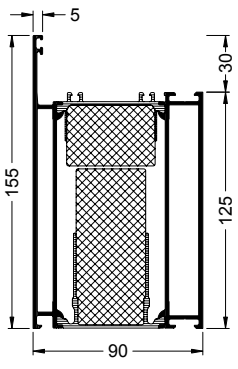
439 490

Art.-Nr. Art. No.	x	I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 90 mm Basic depth 90 mm				
439 470	6,0	34,0	95,97	38,72
439 480	6,0	34,0	143,41	43,14
439 490	6,0	34,0	211,83	47,55

Seitenteile
Side sections



439 180

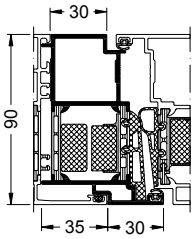


441 140

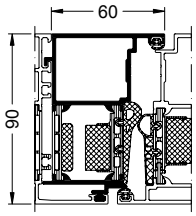
Art.-Nr. Art. No.	x	I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 90 mm Basic depth 90 mm				
439 180	6,0	80,8	83,45	97,19
441 140	6,0	119,8	96,37	221,71

Maßstab 1:4
Scale 1:4

Wechselprofile
Reverse rebate profiles



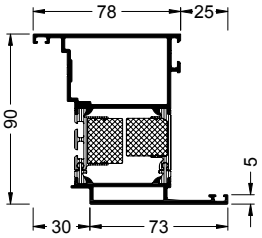
439 060



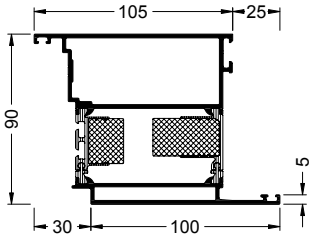
439 320

Art.-Nr. Art. No.	x		I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 90 mm Basic depth 90 mm				
439 060	5,5	41,8	40,05	14,94
439 320	5,5	37,8	35,59	15,23

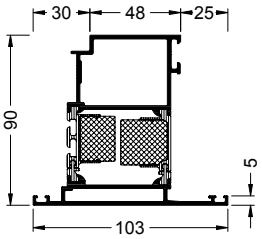
Türflügel, nach innen öffnend
Inward-opening door leaves



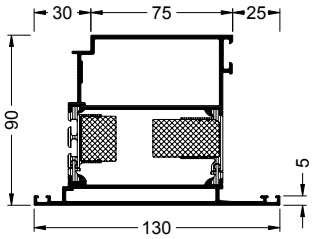
439 070 (5,5 m)
439 080 (6,5 m)



439 090



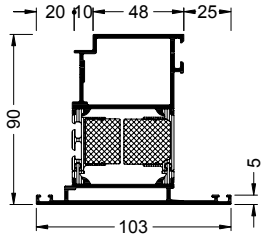
439 100



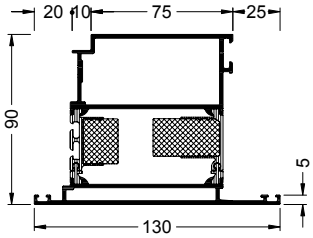
439 120

Art.-Nr. Art. No.	x	Art.-Nr. Art. No.	x	
	m		m	mm
Bautiefe 90 mm Basic depth 90 mm				
439 080	6,5	**439 070**	5,5	50,8
439 090	6,5	–	–	77,8
–	–	**439 100**	5,5	54,8
439 120	6,5	–	–	81,8

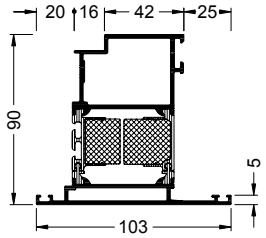
Türflügel, nach außen öffnend
Outward-opening door leaves



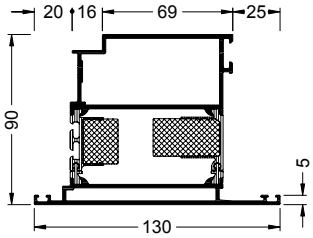
439 330 (5,5 m)
439 340 (6,5 m)



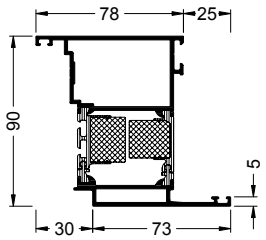
439 350



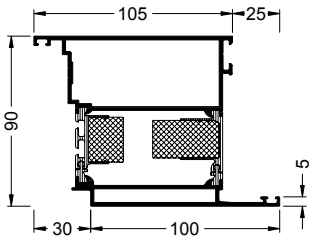
439 360 (5,5 m)
439 370 (6,5 m)



439 380



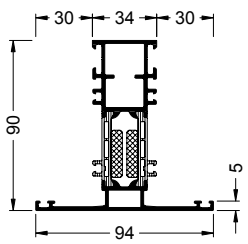
439 390



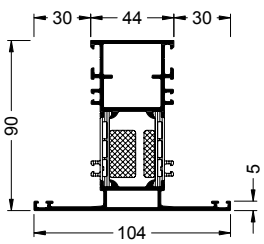
439 410

Art.-Nr. Art. No.	x m	Art.-Nr. Art. No.	x m	mm
Bautiefe 90 mm Basic depth 90 mm				
439 340	6,5	**439 330**	5,5	53,8
439 350	6,5	–	–	80,8
439 370	6,5	**439 360**	5,5	53,8
439 380	6,5	–	–	80,8
–	–	**439 390**	5,5	50,8
439 410	6,5	–	–	77,8

Flügelsprossen
Leaf mid-rails



439 030

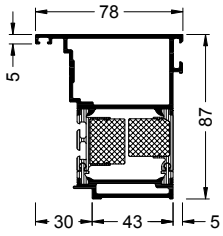


439 020

Art.-Nr. Art. No.	x m	mm
Bautiefe 90 mm Basic depth 90 mm		
439 020	6,0	34,0
439 030	6,0	24,0

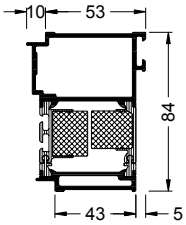
Maßstab 1:4
Scale 1:4

Türflügel, nach innen öffnend, flügelüberdeckende Füllung
Inward-opening door leaves, leaf-enclosing infill



439 140
(5,5 m)

439 150
(6,5 m)

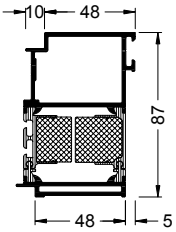


439 160
(5,5 m)

439 170
(6,5 m)

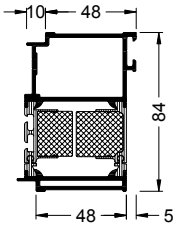
Art.-Nr. Art. No.	x m	Art.-Nr. Art. No.	x m	mm
Bautiefe 90 mm Basic depth 90 mm				
439 150	6,5	**439 140**	5,5	50,8
439 170	6,5	**439 160**	5,5	50,8

Türflügel, nach außen öffnend, flügelüberdeckende Füllung
Outward-opening door leaves, leaf-enclosing infill



439 430
(5,5 m)

439 440
(6,5 m)

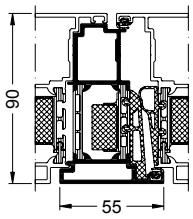


439 450
(5,5 m)

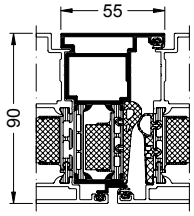
439 460
(6,5 m)

Art.-Nr. Art. No.	x m	Art.-Nr. Art. No.	x m	mm
Bautiefe 90 mm Basic depth 90 mm				
439 440	6,5	**439 440**	5,5	53,8
439 460	6,5	**439 450**	5,5	53,8

Stulpprofile
Meeting stile profiles



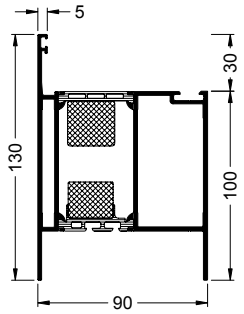
439 130



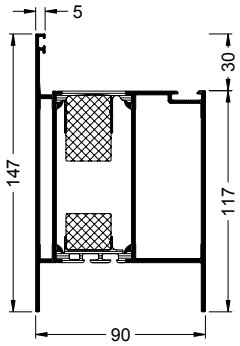
439 420

Art.-Nr. Art. No.	x m	mm
Bautiefe 90 mm Basic depth 90 mm		
439 130	4,5	30,0
439 420	4,5	26,0

Sockelprofile
Sill rail profiles



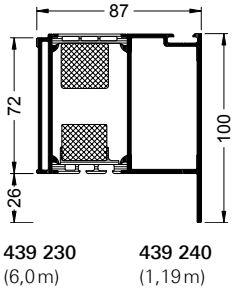
439 190 (6,0 m) **439 200** (1,19 m)



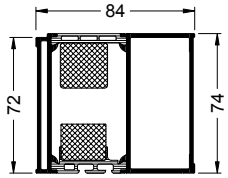
439 210 (6,0 m) **439 220** (1,19 m)

Art.-Nr. Art. No.	x m	Art.-Nr. Art. No.	x m	mm
Bautiefe 90 mm Basic depth 90 mm				
439 190	6,0	**439 200**	1,19	73,8
439 210	6,0	**439 220**	1,19	90,8

Sockelprofile, flügelüberdeckende Füllung
Sill rail profiles, leaf-enclosing infill



439 230 (6,0 m) **439 240** (1,19 m)

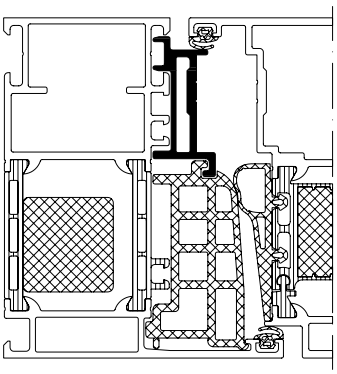


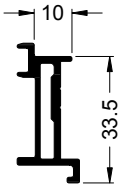
439 250 (6,0 m) **439 260** (1,19 m)

Art.-Nr. Art. No.	x m	Art.-Nr. Art. No.	x m	mm
Bautiefe 90 mm Basic depth 90 mm				
439 230	6,0	**439 240**	1,19	90,8
439 250	6,0	**439 260**	1,19	90,8

Maßstab 1:4
Scale 1:4

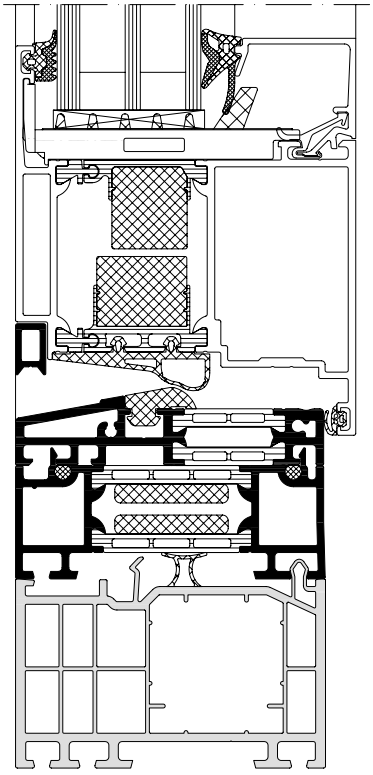
Seitliches Anschlagprofil
Side rebate profile

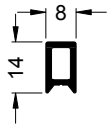




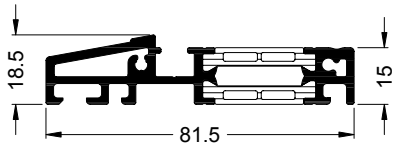
436 080

Türschwellen
Door thresholds

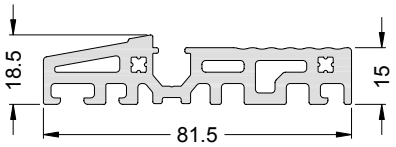




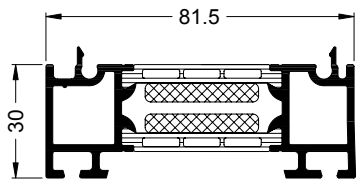
438 660



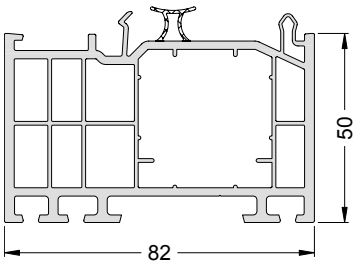
430 680



246 704

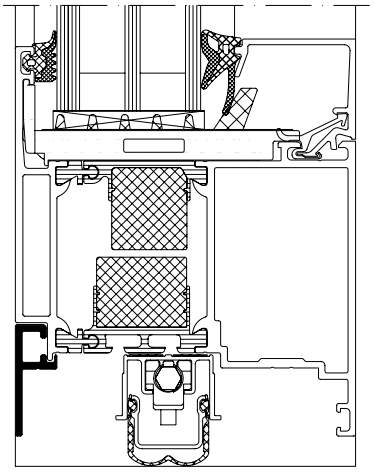


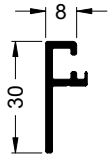
439 290



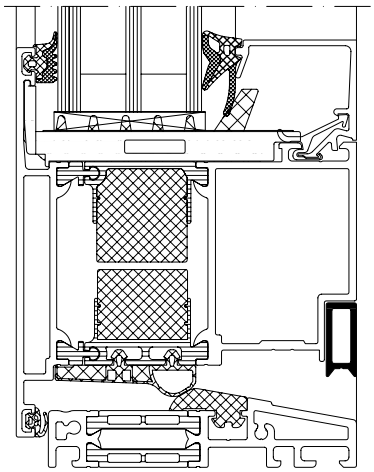
925 700

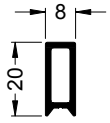
Untere Anschlag- und Zusatzprofile
Bottom rebate and supplementary profiles



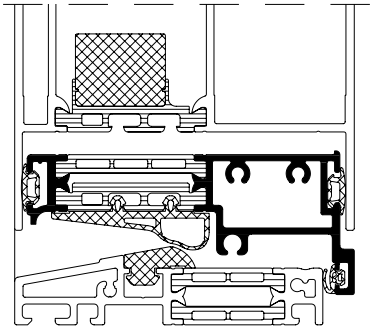


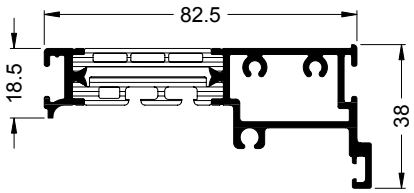
438 680



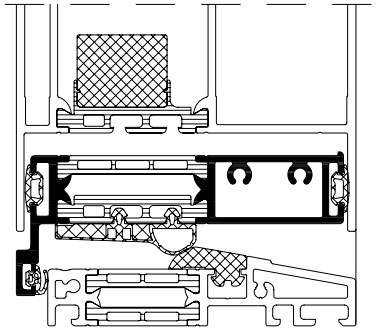


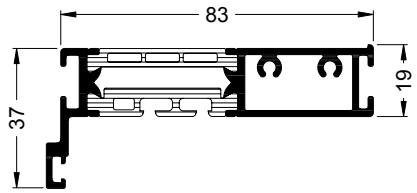
438 670



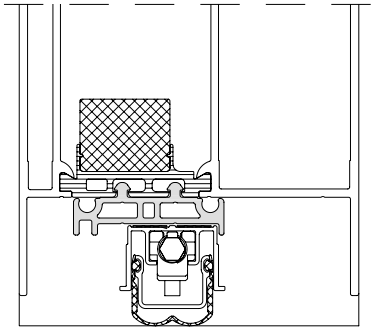


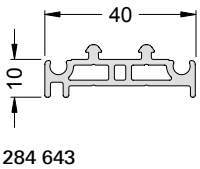
439 270





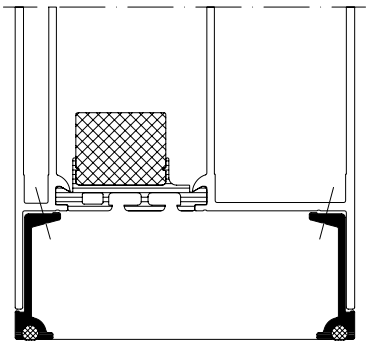
439 280

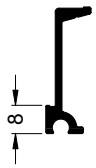




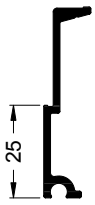
284 643

Verbreiterungsprofile
Extension profiles





438 640

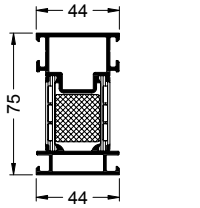


438 650

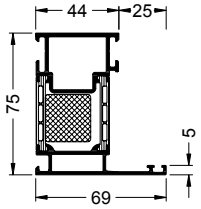
Maßstab 1:2
Scale 1:2

Profilübersicht
Schüco Tür ADS 75.SI/ADS 75 HD.HI
Overview of profiles for Schüco Door ADS 75.SI/ADS 75 HD.HI

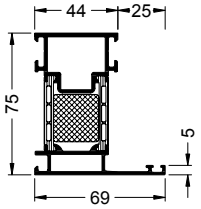
Türblendrahmen
Door outer frames



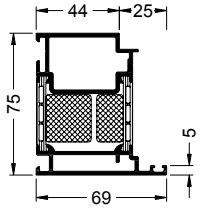
381 840



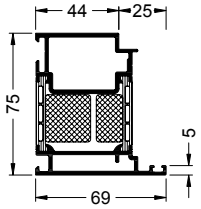
381 850



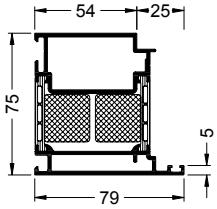
381 860



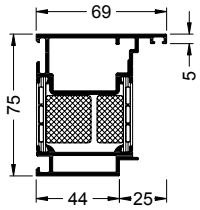
381 870



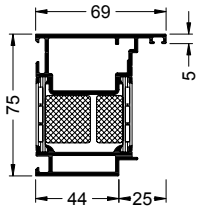
376 570



381 880



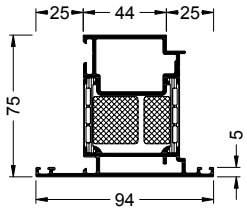
381 890



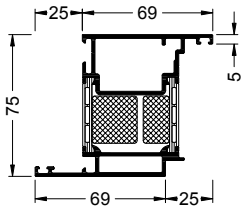
376 580

Art.-Nr. Art. No.	x		I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 75 mm Basic depth 75 mm				
376 570	6,5	50,8	35,38	23,02
376 580	6,5	50,8	35,99	23,11
381 840	6,0	34,0	28,14	9,78
381 850	6,0	38,8	31,76	16,5
381 860	6,0	34,0	31,87	15,7
381 870	5,5	50,8	35,38	23,02
381 880	5,5	60,8	39,87	35,52
381 890	5,5	50,8	35,99	23,11

Türpfosten
Door mullions



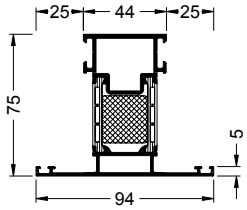
382 890



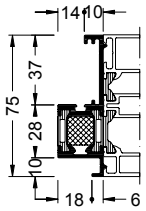
382 900

Art.-Nr. Art. No.	x	I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 75 mm Basic depth 75 mm				
382 890	5,5	50,8	39,15	32,45
382 900	5,5	50,8	41,28	32,59

Riegel/Pfosten und Adapterprofil
Transom/mullion and adapter profile



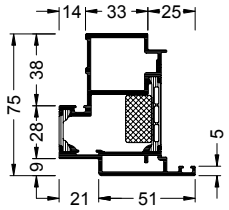
381 910



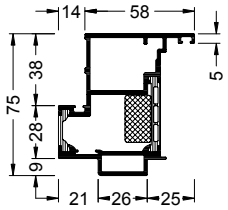
382 870

Art.-Nr. Art. No.	x	I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 75 mm Basic depth 75 mm				
381 910	6,0	34,0	35,12	22,51
382 870	6,0	24,0	10,48	1,83

Einsatzblendrahmen
Insert outer frame



431 970

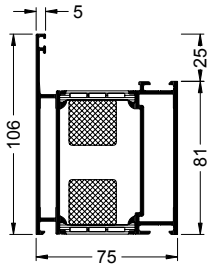


431 980

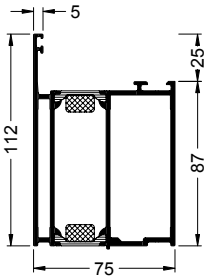
Art.-Nr. Art. No.	x	I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 75 mm Basic depth 75 mm				
431 970	5,5	54,0	29,98	21,46
431 980	5,5	54,0	31,35	21,54

Maßstab 1:4
Scale 1:4

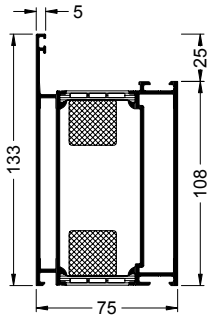
Seitenteile
Side sections



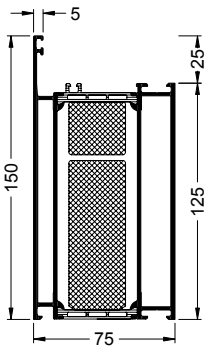
382 740



381 140



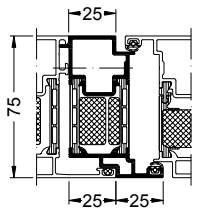
382 750



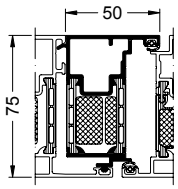
382 200

Art.-Nr. Art. No.	x		I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 75 mm Basic depth 75 mm				
381 140	6,0	82,0	57,14	103,75
382 200	6,0	119,8	77,93	208,35
382 740	6,0	75,8	53,08	70,77
382 750	6,0	102,8	66,52	146,07

Wechselprofile
Reverse rebate profiles



381 920

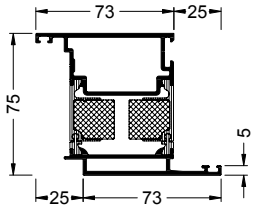


381 930

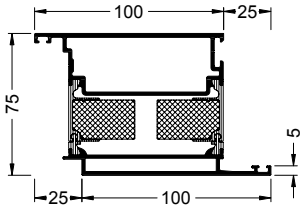
Art.-Nr. Art. No.	x		I_x	I_y
	m	mm	cm^4	cm^4
Bautiefe 75 mm Basic depth 75 mm				
381 920	5,5	31,8	21,73	7,2
381 930	5,5	31,8	19,68	7,45

Türflügel Schüco Tür ADS 75.SI, nach innen öffnend

Schüco Door ADS 75.SI door leaves, inward-opening



381 960

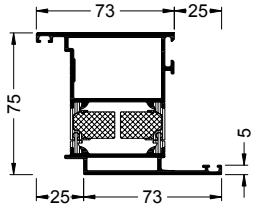


381 970

Art.-Nr. Art. No.	x m	mm
Bautiefe 75 mm Basic depth 75 mm		
381 960	6,5	54,8
381 970	6,5	81,8

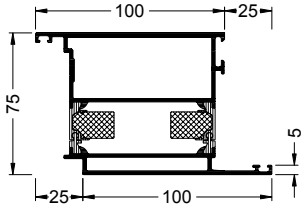
Türflügel Schüco Tür ADS 75 HD.HI, nach innen öffnend

Schüco Door ADS 75 HD.HI door leaves, inward-opening



395 690
(5,5 m)

395 700
(6,5 m)



395 710
(6,5 m)

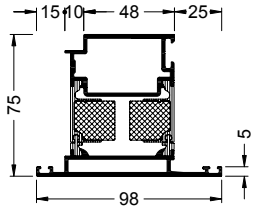
Art.-Nr. Art. No.	x m	Art.-Nr. Art. No.	x m	mm
Bautiefe 75 mm Basic depth 75 mm				
395 700	6,5	**395 690**	5,5	50,0
395 710	6,5	–	–	77,0

Technical data
Technische Daten

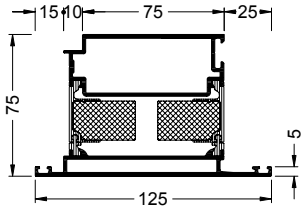
Maßstab 1:4
Scale 1:4

Türflügel Schüco Tür ADS 75.SI, nach außen öffnend

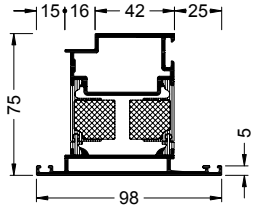
Schüco Door ADS 75.SI door leaves, outward-opening



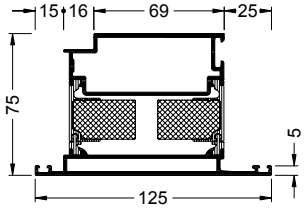
382 690



382 700



382 720

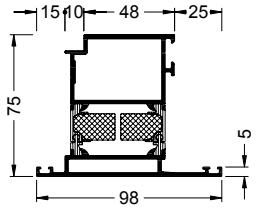


382 730

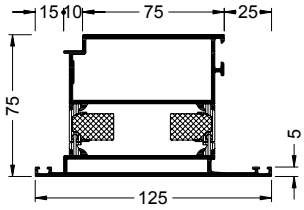
Art.-Nr. Art. No.	x m	mm
Bautiefe 75 mm Basic depth 75 mm		
382 690	6,5	54,8
382 700	6,5	81,8
382 720	6,5	54,8
382 730	6,5	81,8

Türflügel Schüco Tür ADS 75 HD.HI, nach außen öffnend

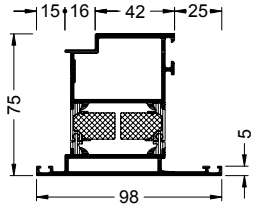
Schüco Door ADS 75 HD.HI door leaves, outward-opening



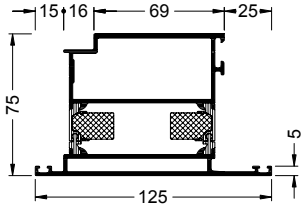
395 720 (5,5 m)
395 730 (6,5 m)



395 740 (6,5 m)



395 750 (5,5 m)
395 760 (6,5 m)

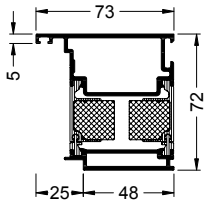


395 770 (6,5 m)

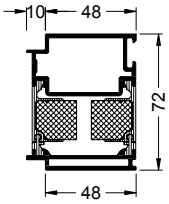
Art.-Nr. Art. No.	x m	Art.-Nr. Art. No.	x m	mm
Bautiefe 75 mm Basic depth 75 mm				
395 730	6,5	**395 720**	5,5	50,0
395 740	6,5	–	–	77,0
395 760	6,5	**395 750**	5,5	50,0
395 770	6,5	–	–	77,0

Türflügel Schüco Tür ADS 75.SI, flügelüberdeckende Füllung

Schüco Door ADS 75.SI door leaves, leaf-enclosing infill



381 980

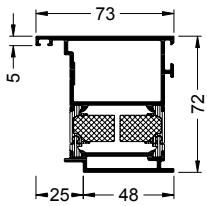


399 950

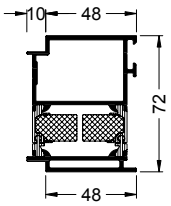
Art.-Nr. Art. No.	x m	mm
Bautiefe 75 mm Basic depth 75 mm		
381 980	6,5	54,8
399 950	6,5	54,8

Türflügel Schüco Tür ADS 75 HD.HI, flügelüberdeckende Füllung

Schüco Door ADS 75 HD.HI door leaves, leaf-enclosing infill



396 910



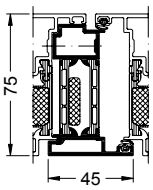
396 920

Art.-Nr. Art. No.	x m	mm
Bautiefe 75 mm Basic depth 75 mm		
396 910	6,5	54,8
396 920	6,5	54,8

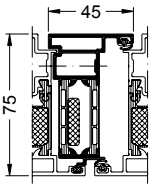
Maßstab 1:4
Scale 1:4

Stulpprofile Schüco Tür ADS 75.SI

Schüco Door ADS 75.SI meeting stile profiles



381 940

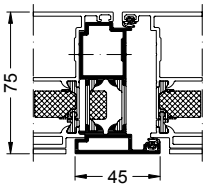


381 950

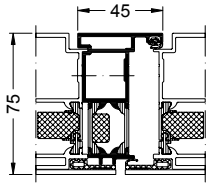
Art.-Nr. Art. No.	x m	mm
Bautiefe 75 mm	Basic depth 75 mm	
381 940	4,5	21,5
381 950	4,5	21,5

Stulpprofile Schüco Tür ADS 75 HD.HI

Schüco Door ADS 75 HD.HI meeting stile profiles



396 930

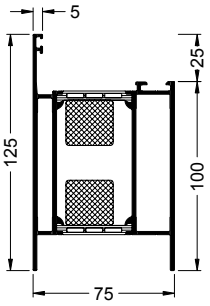


396 940

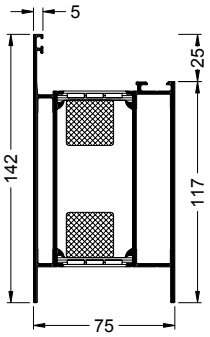
Art.-Nr. Art. No.	x m	mm
Bautiefe 75 mm	Basic depth 75 mm	
396 930	4,5	21,5
396 940	4,5	21,5

Sockelprofile Schüco Tür ADS 75.SI

Schüco Door ADS 75.SI sill rail profiles



397 350

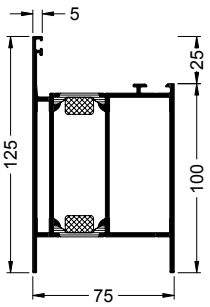


397 390

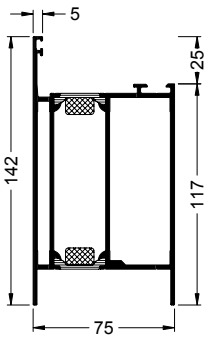
Art.-Nr. Art. No.	x m	mm
Bautiefe 75 mm	Basic depth 75 mm	
397 350	6,0	76,0
397 390	6,0	93,0

Sockelprofile Schüco Tür ADS 75 HD.HI

Schüco Door ADS 75 HD.HI sill rail profiles



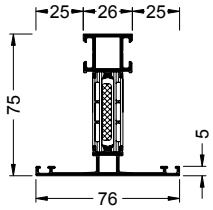
381 120



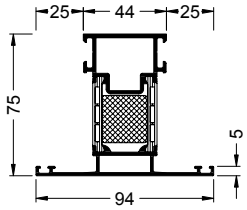
381 550

Art.-Nr. Art. No.	x m	mm
Bautiefe 75 mm	Basic depth 75 mm	
381 120	6,0	76,0
381 550	6,0	93,0

Flügelsprossen
Leaf mid-rails



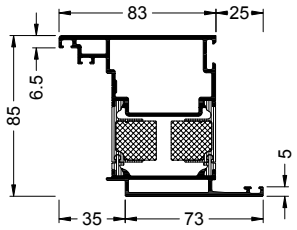
381 900



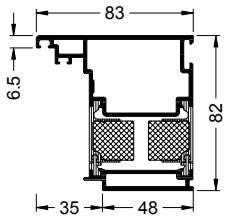
381 910

Art.-Nr. Art. No.	X m	mm
Bautiefe 75 mm Basic depth 75 mm		
381 900	6,0	16,0
381 910	6,0	34,0

Türflügel Schüco Tür ADS 75.SI, aufschlagend
Schüco Door ADS 75.SI door leaves, face-fitted



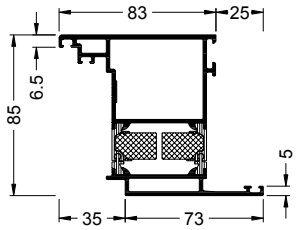
382 760 (5,5 m) 382 770 (6,5 m)



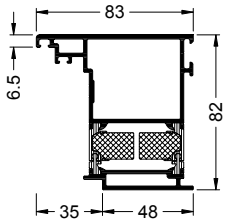
399 970 (5,5 m) 399 980 (6,5 m)

Art.-Nr. Art. No.	X m	Art.-Nr. Art. No.	X m	mm
Bautiefe 75 mm Basic depth 75 mm				
382 770	6,5	**382 760**	5,5	54,8
399 980	6,5	**399 970**	5,5	54,8

Türflügel Schüco Tür ADS 75 HD.HI, aufschlagend
Schüco Door ADS 75 HD.HI door leaves, face-fitted



396 870 (5,5 m) 396 880 (6,5 m)



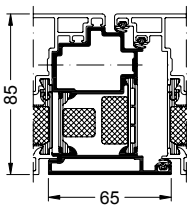
396 900 (6,5 m)

Art.-Nr. Art. No.	X m	Art.-Nr. Art. No.	X m	mm
Bautiefe 75 mm Basic depth 75 mm				
396 880	6,5	**396 870**	5,5	50,0
396 900	6,5	–	–	50,0

Maßstab 1:4
Scale 1:4

Stulpprofile Schüco Tür ADS 75.SI, aufschlagend

Schüco Door ADS 75.SI meeting stile profiles, face-fitted

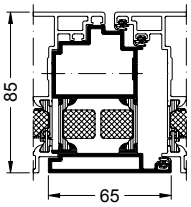


350 840

Art.-Nr. Art. No.	x m	mm
Bautiefe 75 mm Basic depth 75 mm		
350 840	4,5	41,5

Stulpprofile Schüco Tür ADS 75 HD.HI, aufschlagend

Schüco Door ADS 75 HD.HI meeting stile profiles, face-fitted

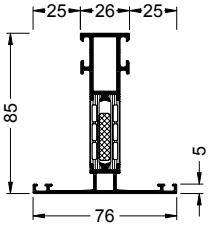


396 890

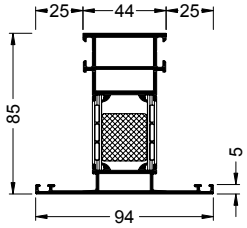
Art.-Nr. Art. No.	x m	mm
Bautiefe 75 mm Basic depth 75 mm		
396 890	4,5	41,5

Flügelsprossen Schüco Tür ADS 75.SI, aufschlagend

Schüco Door ADS 75.SI mid-rails, face-fitted



382 880

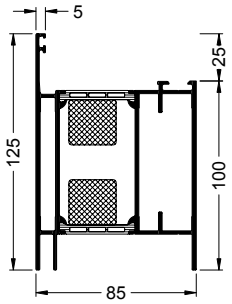


382 820

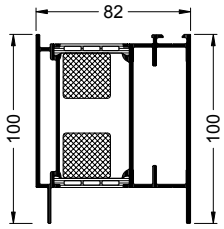
Art.-Nr. Art. No.	x m	mm
Bautiefe 75 mm Basic depth 75 mm		
382 880	6,0	16,0
382 820	6,0	34,0

Sockelprofile Schüco Tür ADS 75.SI, aufschlagend

Schüco Door ADS 75.SI sill rail profiles, face-fitted



382 830

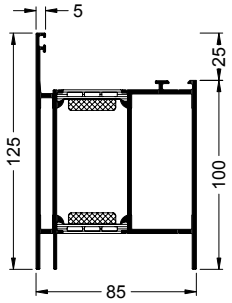


382 850

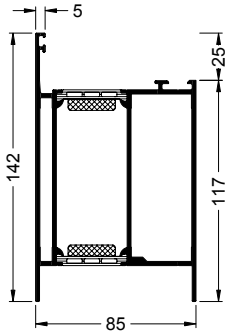
Art.-Nr. Art. No.	x m	mm
Bautiefe 75 mm Basic depth 75 mm		
382 830	6,0	76,0
382 850	6,0	76,0

Sockelprofile Schüco Tür ADS 75 HD.HI, aufschlagend

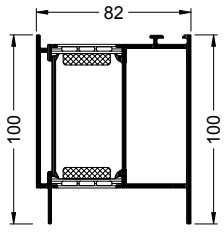
Schüco Door ADS 75 HD.HI sill rail profiles, face-fitted



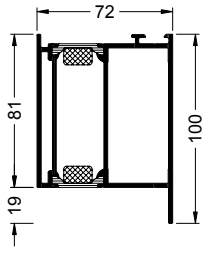
381 680



381 660



381 700

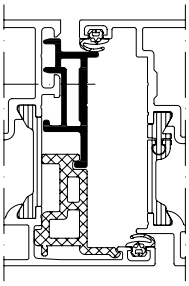


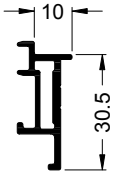
381 130

Art.-Nr. Art. No.	x m	mm
Bautiefe 75 mm Basic depth 75 mm		
381 680	6,0	76,0
381 660	6,0	93,0
381 700	6,0	76,0
381 130	6,0	76,0

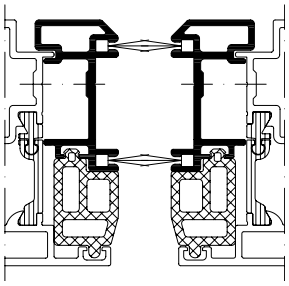
Maßstab 1:4
Scale 1:4

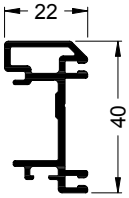
Anschlag- und Pendelstulpprofil
Rebate and swing door meeting stile profile





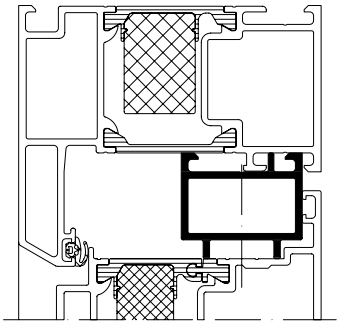
398 670

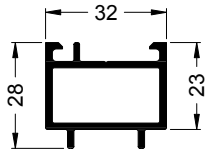




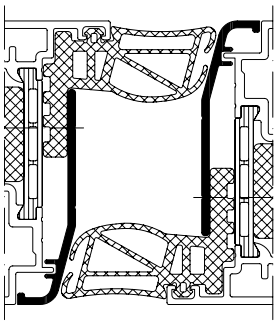
398 510

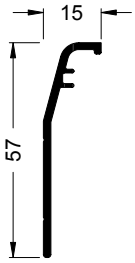
Distanzprofil und Einsatzprofil klemmfreie Türen
Spacer profile and insert profile for anti-finger-trap doors





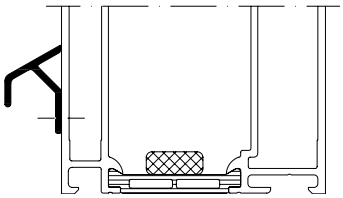
184 750

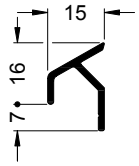




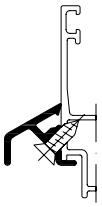
385 530

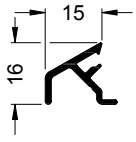
Wetterschenkel
Drip bar





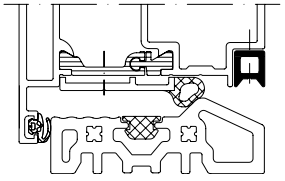
184 700

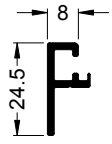




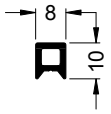
189 210

Blenden und Anschlussprofile
Make-up pieces and attachment profiles

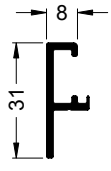




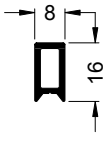
306 960



313 950

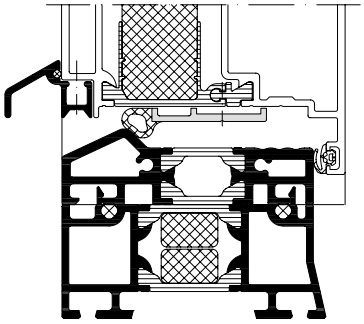


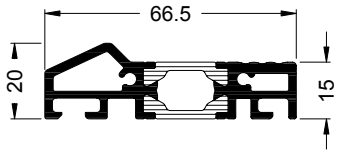
398 950



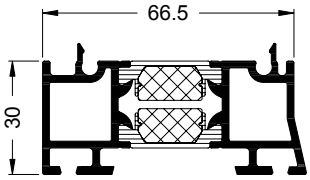
398 920

Türschwellen
Door thresholds

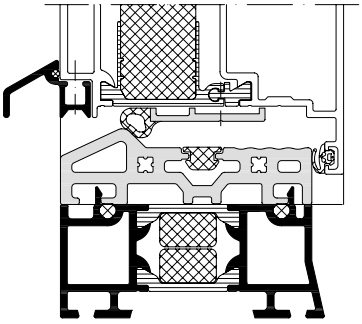


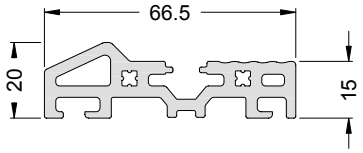


381 160

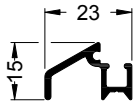


381 230

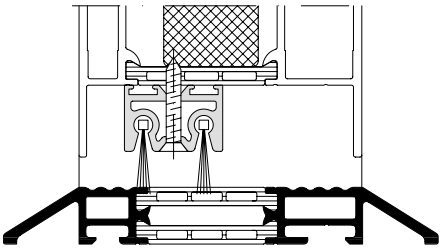




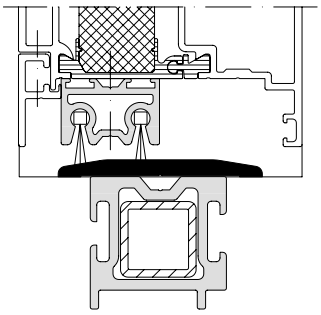
244 478

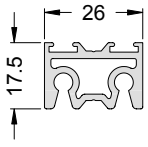


385 600

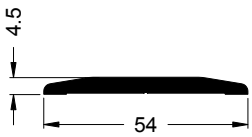


381 760

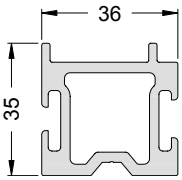




244 693



385 540

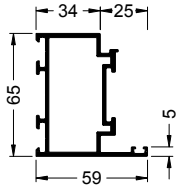


224 139

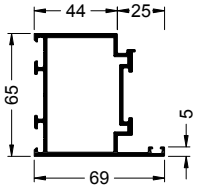
Maßstab 1:2
Scale 1:2

Profilübersicht Schüco Tür ADS 65.NI
Overview of profiles for Schüco Door ADS 65.NI

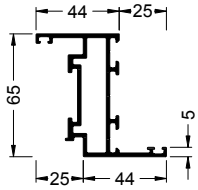
Türblendrahmen
Door outer frames



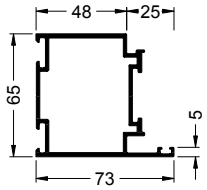
300 100



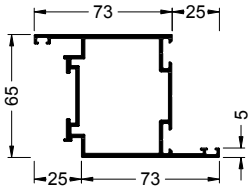
300 110



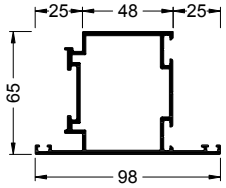
300 120



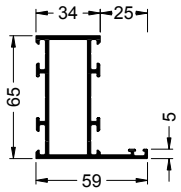
300 780



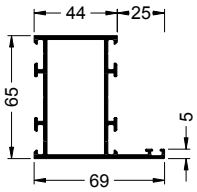
300 160 (5,5 m) 300 150 (6 m)



300 140 (5,5 m) 300 130 (6 m)



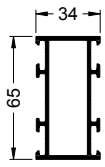
300 230



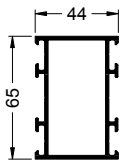
300 240

Art.-Nr. Art. No.	x m	Art.-Nr. Art. No.	x m	I_x cm⁴	I_y cm⁴
Bautiefe 65 mm Basic depth 65 mm					
300 100	6,0	–	–	30,1	14,37
300 110	6,0	–	–	34,48	23,76
300 120	6,0	–	–	29,7	9,97
300 130	6,0	**300 140**	5,5	40,51	40,12
300 150	6,0	**300 160**	5,5	42,34	40,12
300 230	6,0	–	–	28,05	11,12
300 240	6,0	–	–	32,07	18,88
300 780	6,0	–	–	36,23	29,2

Verbreiterungsprofile
Extension profiles



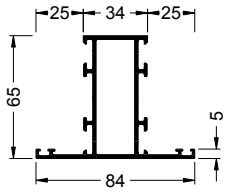
300 220



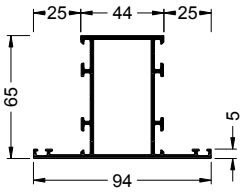
300 700

Art.-Nr. Art. No.	x m	I_x cm⁴	I_y cm⁴
Bautiefe 65 mm Basic depth 65 mm			
300 220	6,0	23,06	5,96
300 700	6,0	27,03	11,94

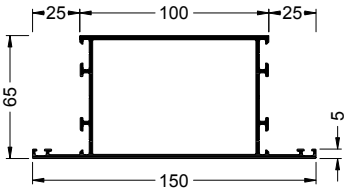
Riegel / Pfosten
Transom / mullion



300 250



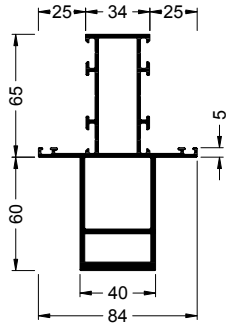
300 260



300 270

Art.-Nr. Art. No.	x m	I_x cm⁴	I_y cm⁴
Bautiefe 65 mm Basic depth 65 mm			
300 250	6,0	31,99	17,58
300 260	6,0	36,12	27,44
300 270	6,0	61,79	145,39

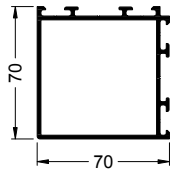
Statikpfosten
Structural mullions



300 290 (4,1 m) 300 280 (6 m)

Art.-Nr. Art. No.		Art.-Nr. Art. No.		I_x	I_y
	m		m	cm^4	cm^4
Bautiefe 65 mm Basic depth 65 mm					
300 280	6,0	**300 290**	4,1	166,8	30,65

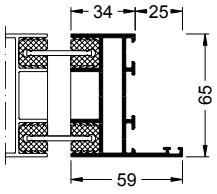
Eckpfosten
Corner mullions



300 300

Art.-Nr. Art. No.		I_x	I_y
	m	cm^4	cm^4
Bautiefe 65 mm Basic depth 65 mm			
300 300	6,0	42,4	42,4

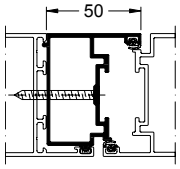
Kopplungsprofil
Coupling profile



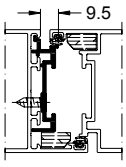
300 170

Art.-Nr. Art. No.		I_x	I_y
	m	cm^4	cm^4
Bautiefe 65 mm Basic depth 65 mm			
300 170	6,0	27,12	8,1

Wechsel- und Anschlagprofil
Reverse rebate and rebate profile



300 190 (5,5 m) 300 180 (6,0 m)

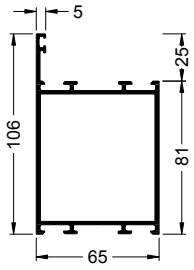


300 210 (5,5 m) 300 200 (6,0 m)

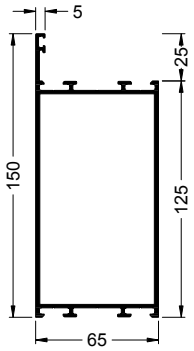
Art.-Nr. Art. No.		Art.-Nr. Art. No.		I_x	I_y
	m		m	cm^4	cm^4
Bautiefe 65 mm Basic depth 65 mm					
300 180	6,0	**300 190**	5,5	20,9	8,84
300 200	6,0	**300 210**	5,5	0,19	4,99

Maßstab 1:4
Scale 1:4

Seitenteile
Side sections



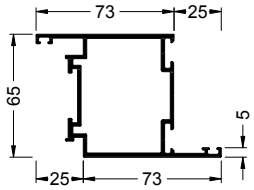
300 360



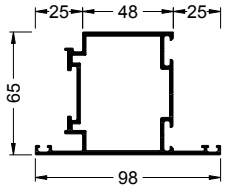
300 330

Art.-Nr. Art. No.	x	I_x	I_y
	m	cm^4	cm^4
Bautiefe 65 mm Basic depth 65 mm			
300 330	6,0	68,13	202,37
300 360	6,0	49,06	73,42

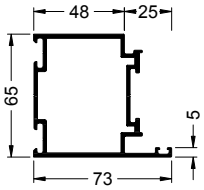
Flügelprofile
Leaf profiles



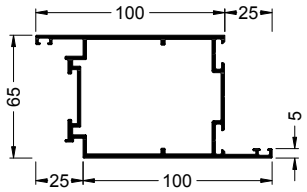
300 160 (5,5 m) 300 150 (6 m)



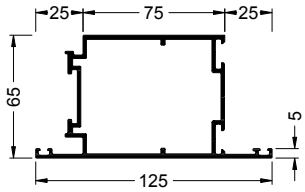
300 140 (5,5 m) 300 130 (6 m)



300 780



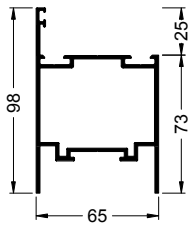
300 470



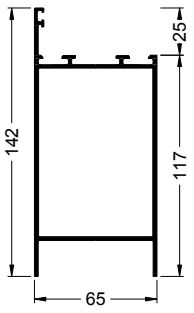
300 050

Art.-Nr. Art. No.	x	Art.-Nr. Art. No.	x
	m		m
Bautiefe 65 mm Basic depth 65 mm			
300 050	6,5	–	–
300 130	6,0	**300 140**	5,5
300 150	6,0	**300 160**	5,5
300 470	6,5	–	–
300 780	6,0	–	–

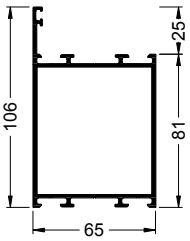
Sockelprofile
Sill rail profiles



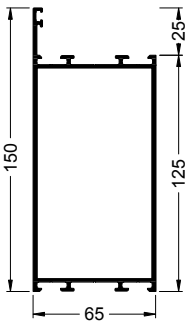
300 350 (1,49 m) 300 340 (6 m)



300 320 (1,49 m) 300 310 (6 m)



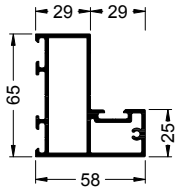
300 360



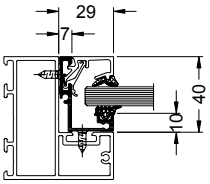
300 330

Art.-Nr. Art. No.	x	Art.-Nr. Art. No.	x
	m		m
Bautiefe 65 mm Basic depth 65 mm			
300 310	6,0	**300 320**	1,49
300 330	6,0	–	–
300 340	6,0	**300 350**	1,49
300 360	6,0	–	–

Ganzglastür-Profile
All-glass door profiles

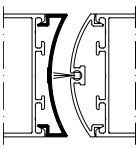


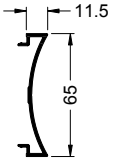
300 490



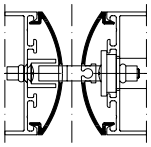
300 790

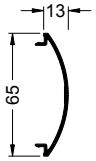
Pendelstulpprofile
Swing door meeting stile profiles



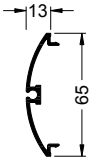


183 890

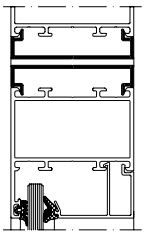


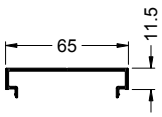


183 920



183 900



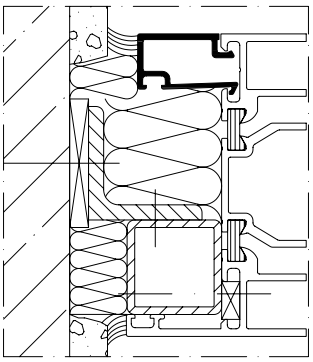


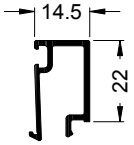
183 910

Technical data
Technische Daten

Maßstab 1:4
Scale 1:4

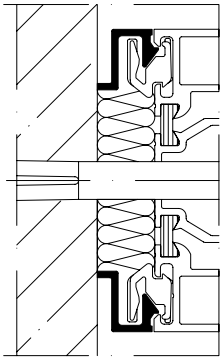
Einsatzprofil und Glasleiste
Insert profile and glazing bead

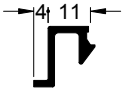




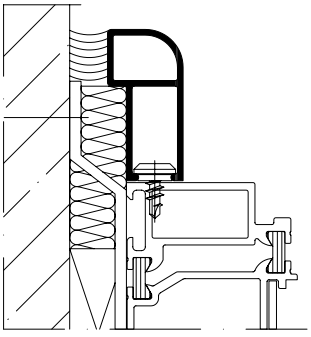
178 730

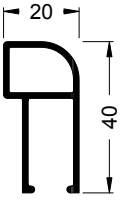
Anschlussprofile
Attachment profiles



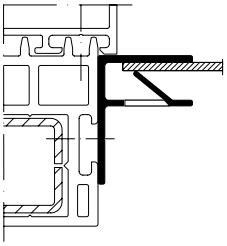


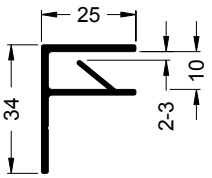
149 390





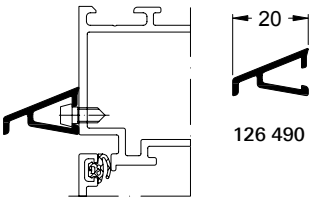
152 050



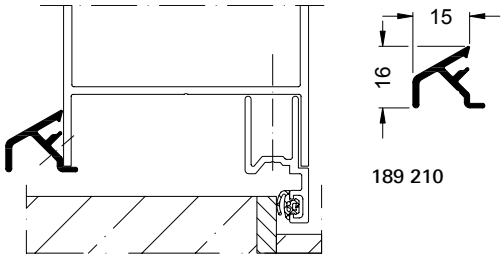


184 800

Wetterschenkel
Drip bar

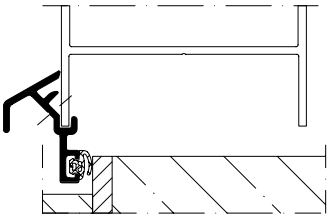


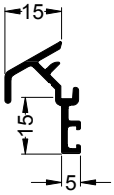
126 490



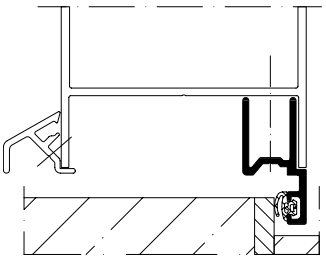
189 210

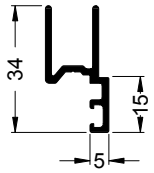
Anschlag- und Abdeckprofil
Rebate and cover profile





184 710

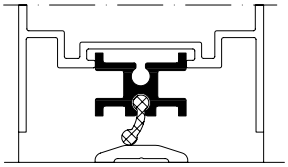


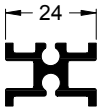


184 730

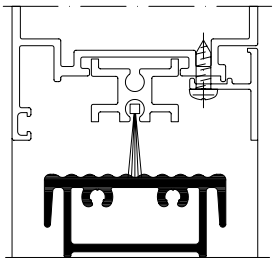
Maßstab 1:2
Scale 1:2

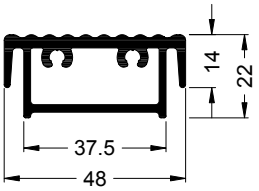
Türschwellen
Door thresholds



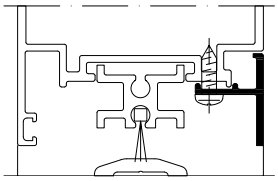


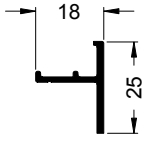
151 870



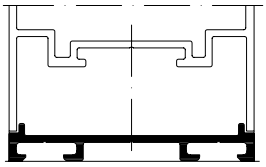


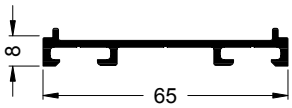
189 520





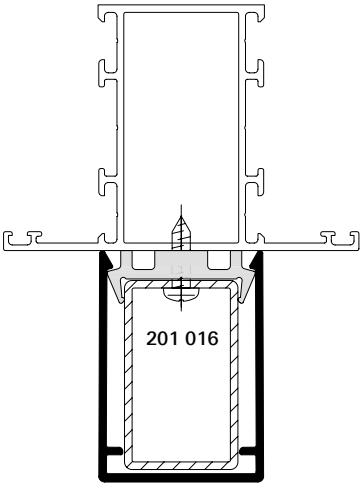
149 730

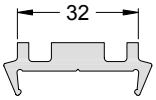




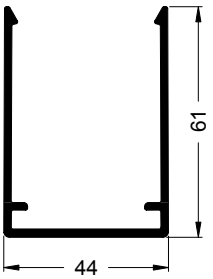
188 440

Abdeckprofil
Cover profile



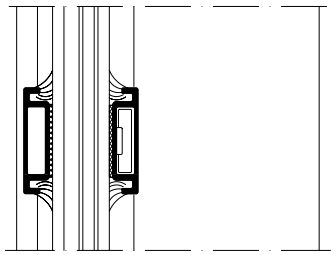


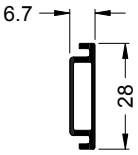
224 129



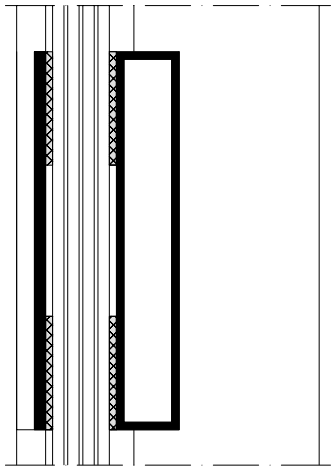
105 620

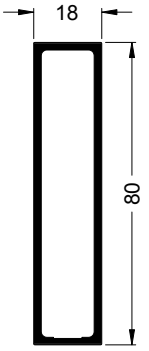
Ziersprossen, aufklebbar
Decorative sash bars, surface-applied



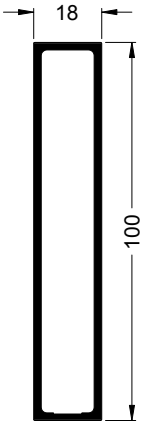


189 660

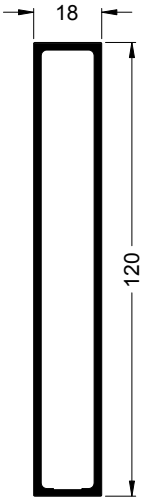




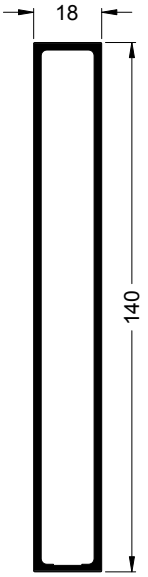
134 610



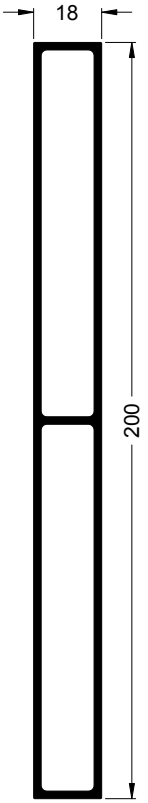
134 620



134 630



134 640



134 740

Maßstab 1:2
Scale 1:2

Profilübersicht serienübergreifend
Overview of profiles for all series

324 Profilübersicht Schüco Fenster AWS
Overview of profiles for Schüco AWS windows
390 Profilübersicht Schüco Türen ADS
Overview of profiles for Schüco ADS doors

Technische Daten
Technical data

420 Profilübersicht serienübergreifend
Overview of profiles for all series

422 Ziersprossen
Decorative sash bars

423 Glasleisten
Glazing beads

428 Anschlussprofile
Attachment profiles

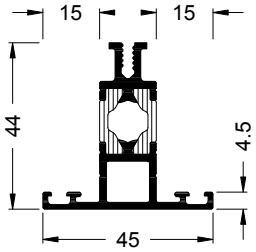
430 Rollladenprofile
Roller shutter profiles

431 Kopplungsprofile
Coupling profiles

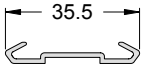
432 Fensterbankprofile
Window sill profiles

433 Sonstige Profile
Other profiles

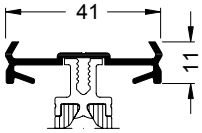
Ziersprossen
Decorative sash bars



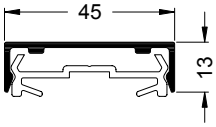
166 520



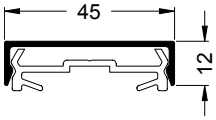
203 085



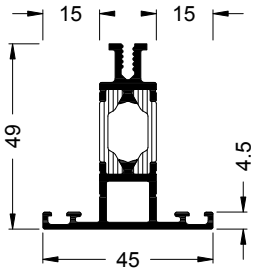
184 310



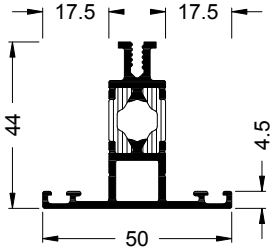
184 320



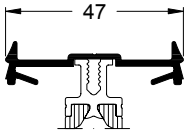
184 330



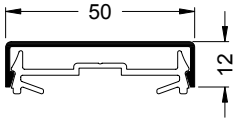
197 140



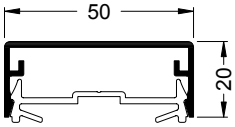
166 990



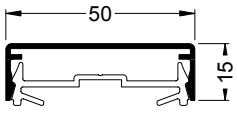
182 990



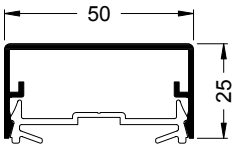
160 620



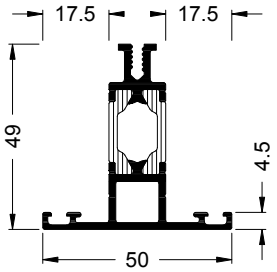
110 840



112 720



110 850

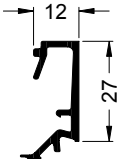


197 150

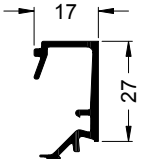
Glasleisten
Glazing beads

Glasleisten
Verglasung von innen
Einsetzbar bei:
- Schüco Fenster AWS 90.SI+
- Schüco Tür ADS 90.SI

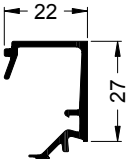
Glazing beads
Glazing from inside
Can be used with:
- Schüco Window AWS 90.SI+
- Schüco Door ADS 90.SI



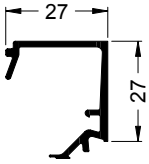
172 710



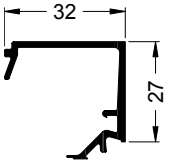
172 720



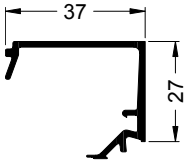
173 970



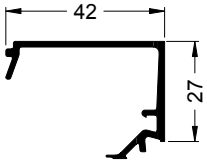
173 980



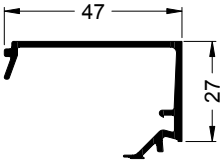
173 990



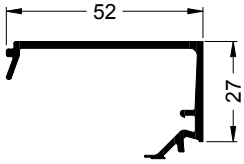
173 910



173 580



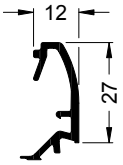
173 920



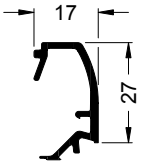
174 140

Gestaltungsglasleisten
Verglasgung von innen, auf Stoß
Einsetzbar bei:
- Schüco Fenster AWS 90.SI+
- Schüco Tür ADS 90.SI

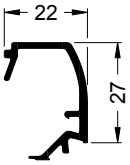
Feature glazing beads
Glazing from inside, butt joint
Can be used with:
- Schüco Window AWS 90.SI+
- Schüco Door ADS 90.SI



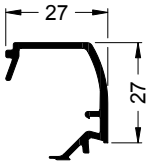
172 730



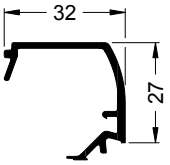
172 740



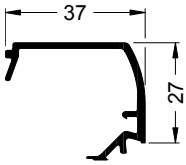
173 940



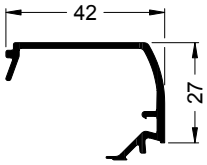
173 950



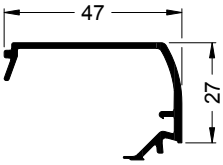
173 960



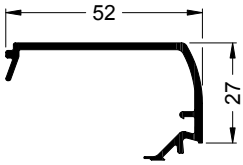
173 890



173 500



173 900

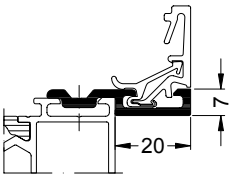


174 150

Maßstab 1:2
Scale 1:2

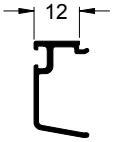
Glasfalzverbreiterungsprofil
Glazing rebate extension profile

Verglasung von innen
Glazing from inside

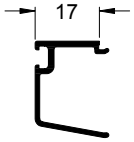


188 160

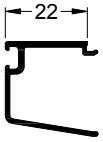
Verglasung von außen
Glazing from outside



335 060



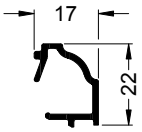
335 180



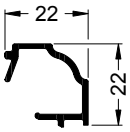
335 190

Gestaltungsglasleisten
Verglasung von innen, auf Gehrung
Einsetzbar bei:
- Schüco Fenster AWS 75.SI/AWS 70.HI

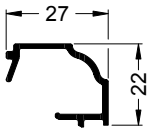
Feature glazing beads
Glazing from inside, mitred
Can be used with:
- Schüco Window AWS 75.SI/AWS 70.HI



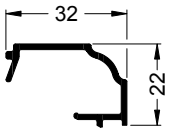
306 780



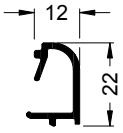
306 770



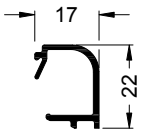
306 490



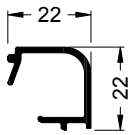
306 500



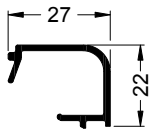
306 680



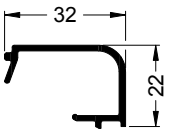
306 690



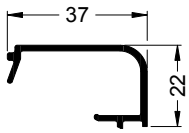
306 700



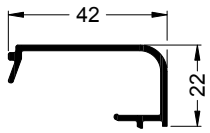
306 710



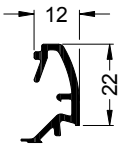
306 720



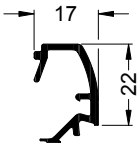
302 650



302 980



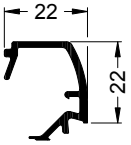
306 800



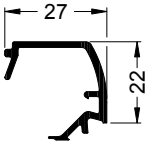
306 790

Gestaltungsglasleisten
Verglasung von innen, auf Gehrung
Einsetzbar bei:
- Schüco Fenster AWS 75.SI/AWS 70.HI
- Schüco Tür ADS 75.SI/ADS 70.HI

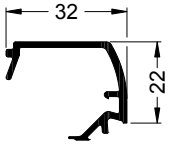
Feature glazing beads
Glazing from inside, mitred
Can be used with:
- Schüco Window AWS 75.SI/AWS 70.HI
- Schüco Door ADS 75.SI/ADS 70.HI



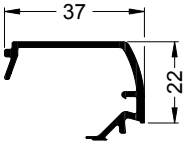
188 640



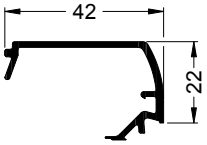
188 650



188 660



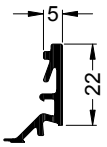
188 670



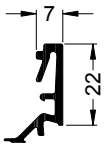
188 730

Glasleisten
Verglasung von innen
Einsetzbar bei:
- Schüco Fenster AWS 75.SI/AWS 70.HI/AWS 120 CC.SI
- Schüco Tür ADS 75.SI/ADS 70.HI

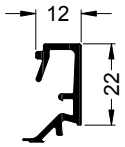
Glazing beads
Glazing from inside
Can be used with:
- Schüco Window AWS 75.SI/AWS 70.HI/AWS 120 CC.SI
- Schüco Door ADS 75.SI/ADS 70.HI



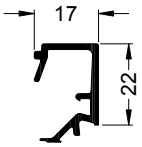
184 010



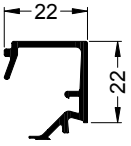
184 020



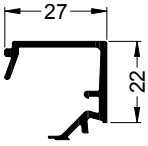
184 030



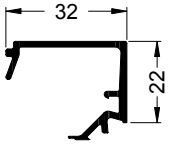
184 040



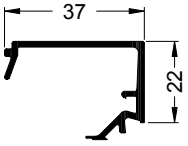
184 050



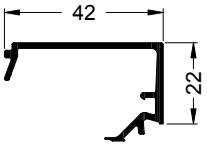
184 060



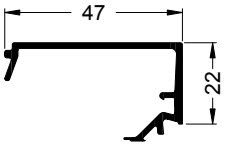
184 070



184 080



184 090

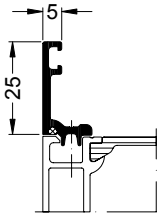


184 100

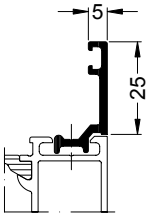
Maßstab 1:2
Scale 1:2

Glasleisten schraubbar
Verglasung von innen bzw. von außen
Einsetzbar bei:
- Schüco Fenster AWS 70.HI

Glazing beads, screw-type
Glazing from inside or outside
Can be used with:
- Schüco Window AWS 70.HI



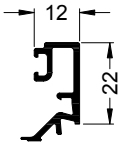
346 800



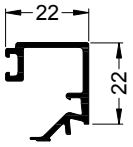
184 110

Glasleisten
Verglasung von innen
Einsetzbar bei:
- Schüco Fenster AWS 75.SI/AWS 70.HI

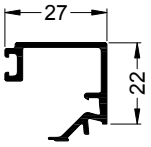
Glazing beads
Glazing from inside
Can be used with:
- Schüco Window AWS 75.SI/AWS 70.HI



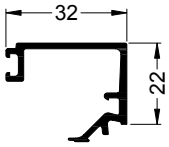
189 260



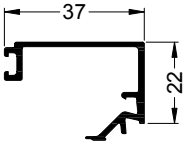
189 240



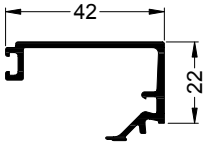
188 610



189 230



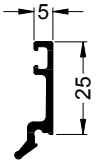
188 600



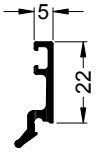
189 220

Glasleisten
Verglasung von außen
Einsetzbar bei:
- Schüco Fenster AWS 75.SI/AWS 70.HI/AWS 120 CC.SI

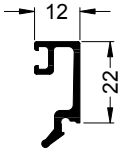
Glazing beads
Glazing from outside
Can be used with:
- Schüco Window AWS 75.SI/AWS 70.HI/AWS 120 CC.SI



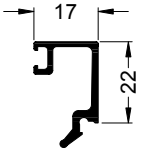
335 200
346 810*



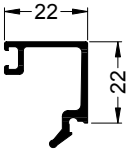
335 210
346 820*



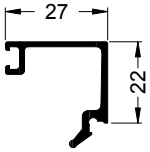
335 220
346 830*



335 230
346 840*



335 240
347 230*

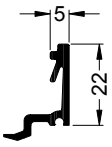


335 250
347 510*

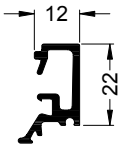
* Für eloxierte Profile
For anodised profiles

Glasleisten
Verglasung von außen
Einsetzbar bei:
- Schüco Fenster AWS 90.SI+/AWS 75.SI/AWS 70.HI

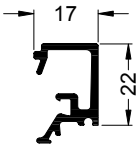
Glazing beads
Glazing from outside
Can be used with:
- Schüco Window AWS 90.SI+/AWS 75.SI/AWS 70.HI



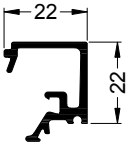
346 870



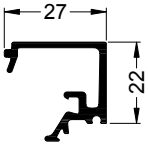
346 880



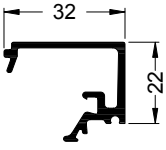
346 890



346 900



346 910

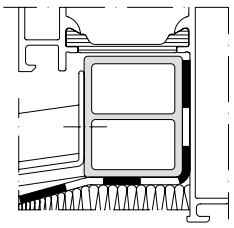


359 720

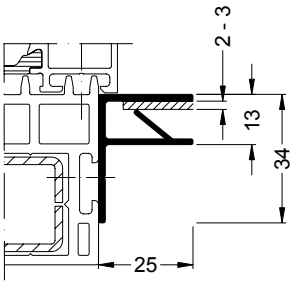
Technical data
Technische Daten

Maßstab 1:2
Scale 1:2

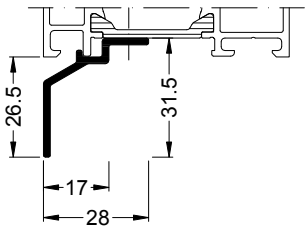
Anschlussprofile
Attachment profiles



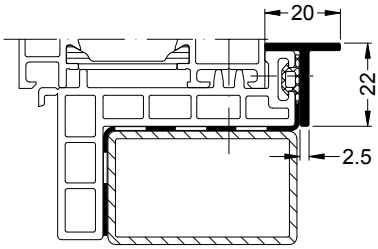
204 734



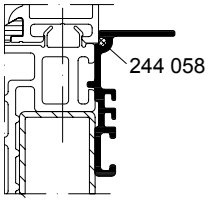
184 800



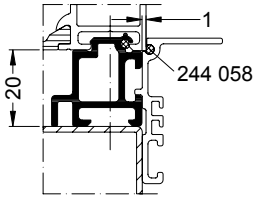
189 600



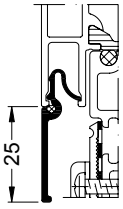
139 090



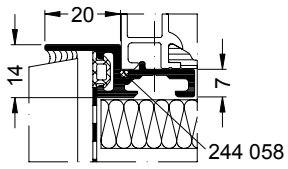
346 940



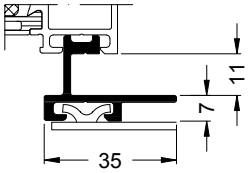
347 220



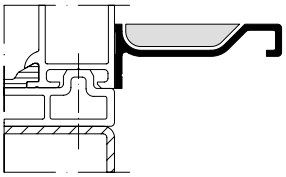
346 920



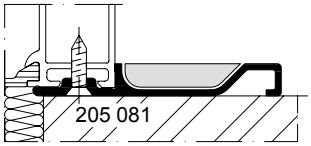
346 930



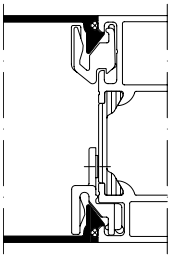
148 210

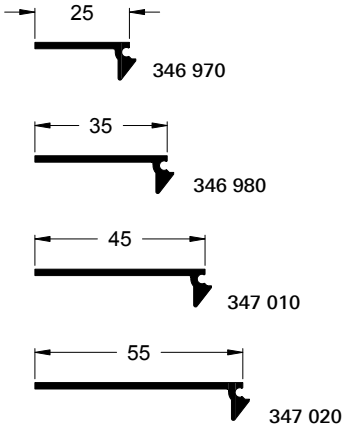


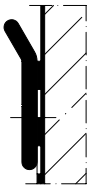
184 480



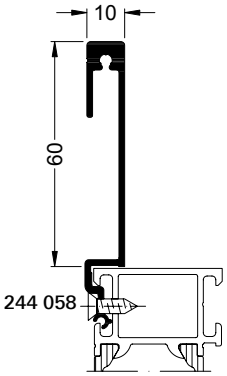
189 920







110 210

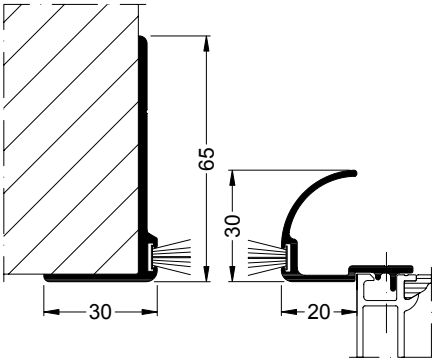


139 690

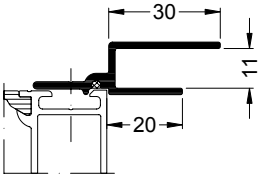
Technical data
Technische Daten

Maßstab 1:2
Scale 1:2

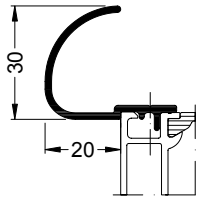
Rollladenprofile
Roller shutter profiles



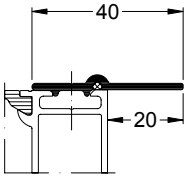
189 950 189 940



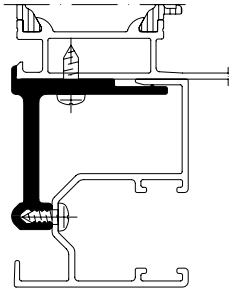
346 960



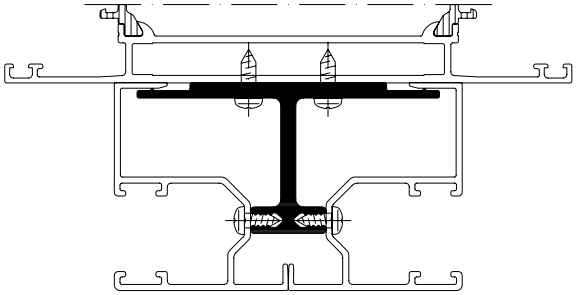
184 380



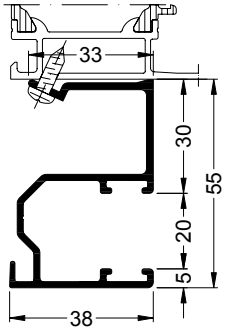
346 950



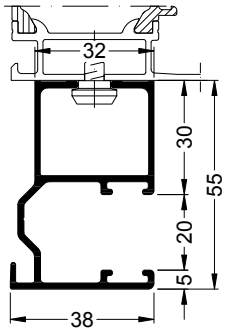
218 197



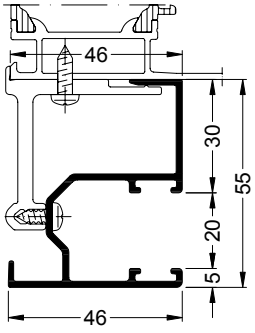
218 198



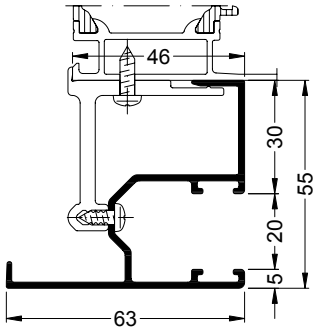
189 650



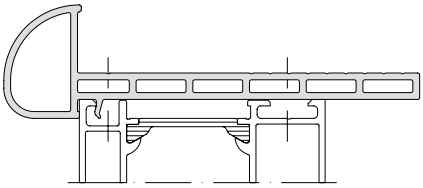
184 420



184 410

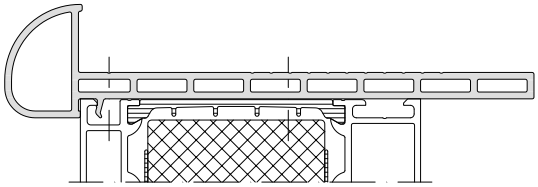


189 960



246 742
(RAL 9005)

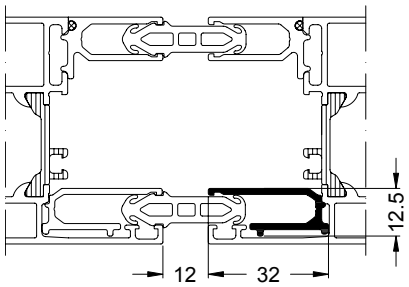
246 743
(RAL 9010)



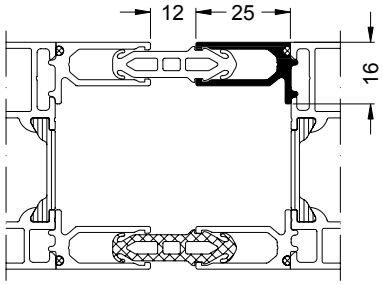
246 744
(RAL 9005)

246 745
(RAL 9010)

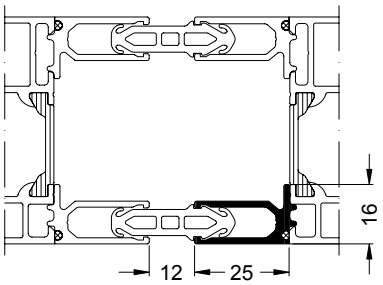
Kopplungsprofile
Coupling profiles



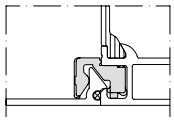
347 040



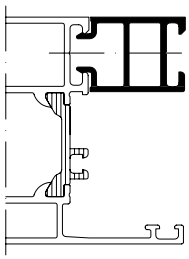
347 050



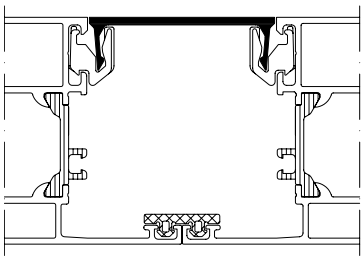
347 060



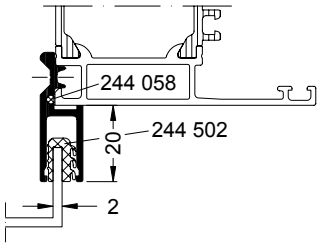
266 261



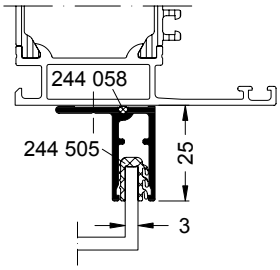
184 240



184 250



347 030

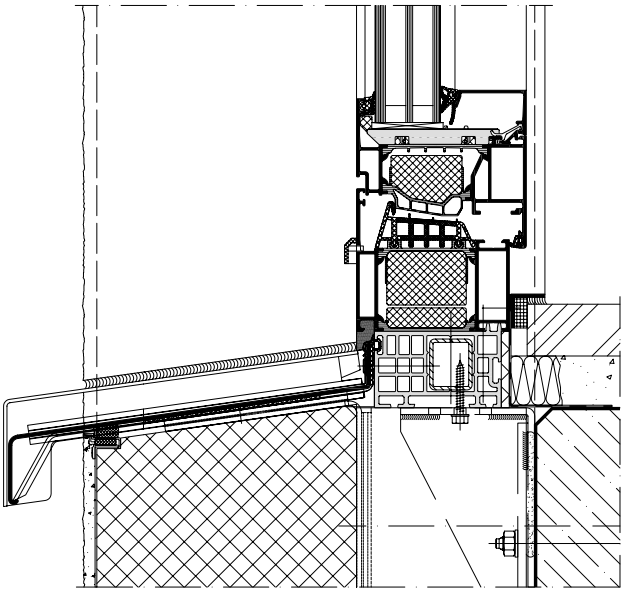


347 210

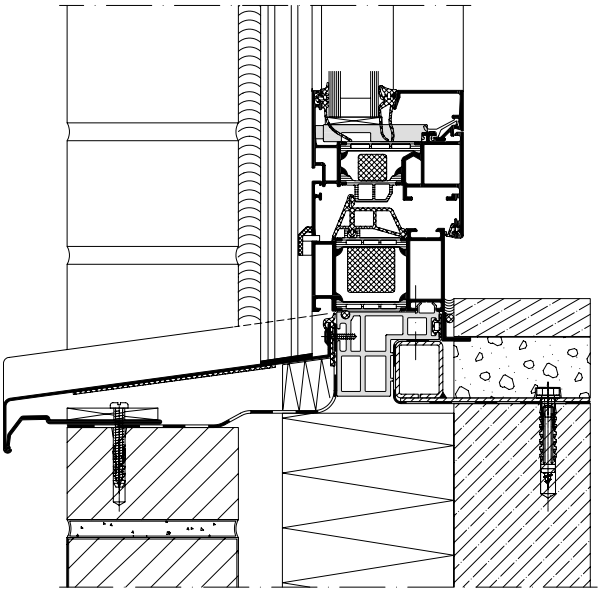
Maßstab 1:2
Scale 1:2

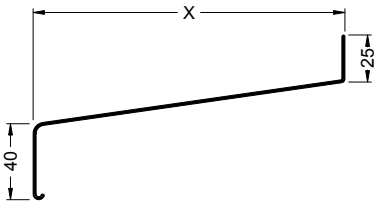
Fensterbankprofile
Window sill profiles

Aluminium-Fensterbank mit Endstück für Putz
Aluminium window sill with end piece for render



Aluminium-Fensterbank mit Endstück für Klinker
Aluminium window sill with end piece for brick

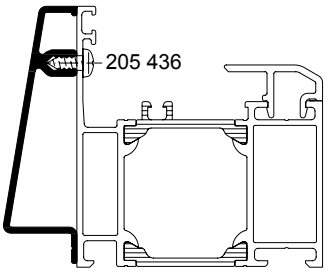




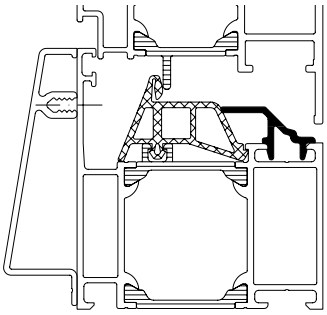
X		Endstück für Putz End piece for plaster	Endstück für Klinker End piece for clinker
mm	Art.-Nr. Art. No.	Art.-Nr. Art. No.	Art.-Nr. Art. No.
50	**180 060**	267 800	267 818
70	**180 070**	267 801	267 819
90	**180 080**	267 802	267 820
110	**180 090**	267 803	267 821
130	**180 100**	267 804	267 822
150	**180 110**	267 805	267 823
165	**180 120**	267 806	267 824
180	**180 130**	267 807	267 825
195	**180 140**	267 808	267 826
210	**180 150**	267 809	267 827
225	**180 160**	267 810	267 828
240	**180 170**	267 811	267 829
260	**180 180**	267 812	267 830
280	**180 190**	267 813	267 831
300	**180 200**	267 814	267 832
320	**180 210**	267 815	267 833
340	**180 220**	267 816	267 834
360	**180 230**	267 817	267 835

Sonstige Profile
Other profiles

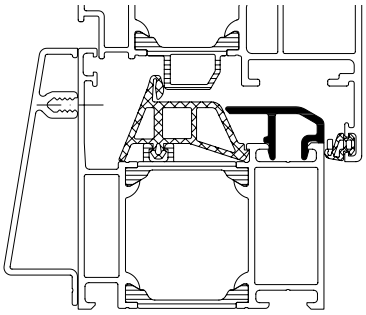
Zusatzprofile Dreh-Kipptüren
Supplementary profiles for turn/tilt doors



184 510

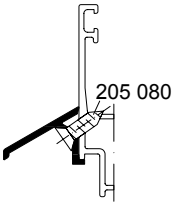


158 090

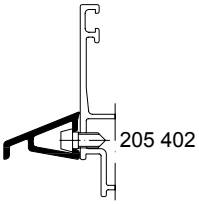


184 520

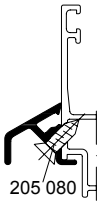
Wetterschenkel
Drip bar



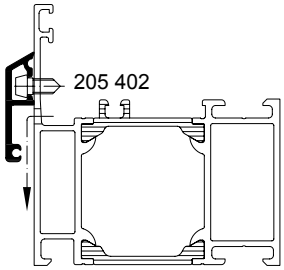
125 120



126 490

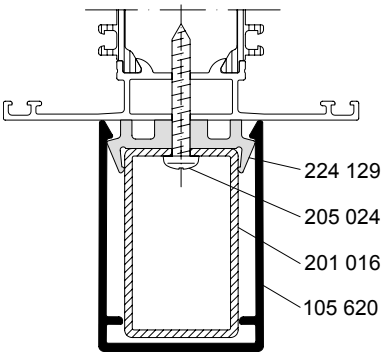


189 210



129 820

Abdeckprofil
Cover profile



105 620

Maßstab 1:2
Scale 1:2

Das Unternehmen
The Company
435

Das Unternehmen
The Company

Schüco bietet Systemlösungen für Fenster, Türen, Fassaden und Solar, die sich an den individuellen Bedürfnissen der Nutzer orientieren – bei gleichzeitig höchsten Ansprüchen an Design, Komfort und Sicherheit. Schüco realisiert so nachhaltige Gebäudehüllen, die mit Mensch, Natur und Technik in Einklang stehen. Durch Innovationen und stetige Weiterentwicklung bereits erfolgreicher Produkte ist Schüco erster Ansprechpartner für viele Architekten, Planer, Verarbeiter, Investoren und Bauherren. Mit den Sparten Metallbau, Kunststoff und Neue Energien liefert Schüco bedarfsgerechte Produkte aus hochwertigen Werkstoffen und intelligente Lösungen für Neubau und Modernisierung. Schüco ist mit 5.000 Mitarbeitern und 12.000 Partnerunternehmen in 78 Ländern aktiv und beweist täglich die Machbarkeit des Zusammenspiels von Klimaschutz und Wirtschaftlichkeit.

Schüco offers system solutions for windows, doors, façades and solar products, which are geared towards individual user requirements and also satisfy the most exacting demands in terms of design, comfort and security. In this way, Schüco creates sustainable building envelopes which are in harmony with people, nature and technology. The innovations and ongoing development of products which are already a success make Schüco the first contact for many architects, developers, fabricators, investors and clients. The Metal, PVC-U and New Energies divisions of Schüco supply customised products made from high-quality materials and intelligent solutions for newbuilds and renovation projects. With 5,000 employees and 12,000 partner companies, Schüco is active in 78 countries worldwide and proves every day how climate protection and cost-effectiveness can go hand in hand.

Aluminium-Systeme
Aluminium Systems

Der multifunktionalen Gebäudehülle gehört die Zukunft: Praxisgerechte Profile aus Aluminium sind die sichere, kreative Basis ganzheitlicher Lösungen für Fassaden, Lichtdächer, Fenster, Türen, Sonnenschutz, Wintergärten, Balkone, Geländer, Schutz- und Sicherheitskonstruktionen. Zukunftsweisende Fenster- und Fassadentechnik von Schüco führt einzelne Gebäudesysteme zu einer geschlossenen Einheit zusammen.

The future belongs to the multi-functional building envelope: aluminium profiles are the secure and creative basis for comprehensive solutions for façades, skylights, windows, doors, solar shading, conservatories, balconies, balustrades, and protection and security constructions. Pioneering window and façade technology from Schüco brings individual building systems together into a single unit.

Stahl-Systeme
Steel Systems

Mit hochqualitativen Stahlrohr- und Stahlprofilsystemen bietet Schüco in Deutschland und ausgewählten Ländern zusammen mit dem Partner Jansen AG Lösungen für Fassaden-, Tor- und Türtechnik. Schüco eröffnet damit eine weitere Dimension der Systemkompetenz: Architektonische Freiheit, technologische Lösungen für nahezu alle Anforderungen und rationelle Verarbeitung ergänzen sich optimal.

In partnership with Jansen AG, Schüco offers solutions for façade and door technology from high quality steel tubes and steel profile systems both in Germany, and in other selected countries. In this way, Schüco is opening a new dimension in system expertise: architectural freedom, technological solutions for almost all requirements and efficient fabrication are ideally complemented.

Kunststoff-Systeme
PVC-U Systems

Schüco bietet hochwertige Kunststoff-Systemtechnik, die sich durch ein breit gefächertes Produktprogramm und große Gestaltungsvielfalt auszeichnet. Funktionssicherheit, attraktives Design, Farbenvielfalt und Komfort durch einfache Bedienbarkeit sind nur einige Vorteile der Kunststoff-Systeme von Schüco.

Schüco offers you high quality PVC-U system technology which is distinguished by its broad range of products and comprehensive design options. Product reliability, attractive designs, a range of colours and the comfort of easy operation are only some of the advantages of Schüco PVC-U systems.

Solar-Systeme
Solar Products

Die Anforderungen an die Energieversorgung privater und gewerblicher Objekte sind unterschiedlich und abhängig von der Nutzungsart und den Verbrauchern. Für jede dieser Anforderungen bietet Schüco effiziente Gesamtsysteme. Mit diesen individuellen Systemlösungen von Schüco können private Nutzer und Unternehmen ihre eigene grüne Energie produzieren und selbst nutzen.

The energy supply requirements of private and commercial projects are different and depend on the building, the type of use and the appliances. Schüco offers efficient complete systems for all of these requirements. The individual system solutions from Schüco allow private users and companies to produce and use their own green energy.

Schüco Alu Competence – design & solutions

Als Spezialist für Aluminium-Profiltechnologie bietet Schüco Alu Competence von der Entwicklung bis zur Produktion einschließlich der Oberflächenbearbeitung und -veredelung ein breites Spektrum an Möglichkeiten.
Für den Maschinenbau, die Industrietechnik und die Möbelindustrie fertigt Schüco Alu Competence umfassende Produkt- und Systemlösungen, die mit Funktionalität, Wirtschaftlichkeit und Flexibilität überzeugen.

As a specialist in aluminium profile technology, Schüco Alu Competence offers a broad spectrum of design options, from development to production, including surface finishing. Schüco Alu Competence manufactures comprehensive product solutions for mechanical engineering, industrial technology, advertising and the furniture industry, which are functional, cost-effective and flexible.

Schüco Technologiezentrum
Schüco Technology Center

Entwickeln. Prüfen. Zukunft schaffen.
Developing. Testing. Shaping the future.

Schüco Fassadenprüfstand
Schüco façade test rig

Moderne Gebäudehüllen sind über lange Zeiträume in allen Klimazonen der Welt im Einsatz. Zugleich bieten sie hohe Gestaltungsfreiheit mit attraktiven Oberflächen und überzeugendem Design. Auf der technischen Seite ist dafür ein breites Spektrum von Normen zu erfüllen, während Sonderkonstruktionen und neue Lösungen oftmals individuelle Prüfverfahren erfordern. Aus diesem Grund begleitet Schüco bereits seit Jahrzehnten alle Produktentwicklungen mit eigenen Prüfungen.
Das Schüco Technologiezentrum (TZ) ist weltweit eines der leistungsfähigsten Prüfzentren für Fenster, Türen, Fassaden und neue Technologien. Damit kann Schüco bereits zu Beginn jeder Produktentwicklung neue Systeme, einzelne Bauteile oder Sonderlösungen fertigungs- und prüftechnisch begleiten, stetig optimieren und kontinuierlich validieren. Durch die nationale Akkreditierungsstelle der Bundesrepublik Deutschland (DAkkS) ist das TZ in neun Bereichen als unabhängiges Herstellerlabor akkreditiert. Alle Prüfungen werden so mit der erforderlichen Neutralität durchgeführt.

Modern building envelopes are used for long periods of time in all climate zones of the world. They also offer a high degree of creative freedom with attractive surface finishes and impressive designs. On the technical side, a wide range of standards must be met, whilst special constructions and new solutions often require individual test procedures. For decades, this is why Schüco has coupled all product developments with its own tests.
The Schüco Technology Center is one of the world's leading test centres for windows, doors, façades and new technologies. When beginning to develop products, this allows Schüco to fabricate, test, continually improve and validate new systems, individual components or special solutions. The Technology Center is accredited as an independent manufacturing laboratory in nine areas by the national accreditation body for the Federal Republic of Germany (DAkkS). All tests are carried out with the required neutrality.

Zentral sind Bauteil- und Werkstoffprüfungen sowie vielfältige Umweltsimulationsprüfungen für alle Klimabedingungen der Erde. Außerdem wird die elektromagnetische Verträglichkeit diverser Bauteile ebenso geprüft wie die Beschusshemmung hoch sicherer Bauteile oder die normgerechte Qualität der Schüco Produkte mit Hilfe vielfältiger Akustik-, Dichtheits-, Sicherheits- und Lebensdauerprüfungen. Alle Prüfmuster entstehen dafür in einer eigenen Versuchswerkstatt.
Zugleich dient das TZ als hochmodernes Ausbildungszentrum für Auszubildende und Werkstudenten der Fachgebiete Mechatronik und Elektrotechnik/Elektronik.

Component and material tests, as well as a wide variety of environmental simulations for all the climate zones around the world, are of central importance. The electromagnetic compatibility of various components and the bullet resistance of highly secure components are tested. The quality of Schüco products in line with standards is also tested with the help of a wide variety of tests for acoustics, weathertightness, security and durability. To do this, all the test specimens are created in the company's own samples workshop.
The Technology Center also serves as an ultra modern training centre for trainees and placement students studying Mechatronics and Electrical Engineering/Electronics.

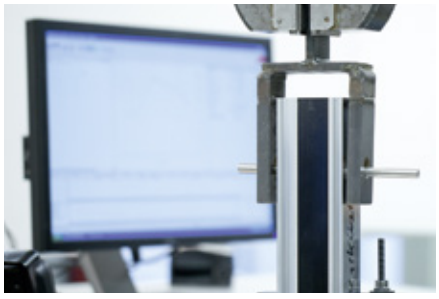
DAkkS
Deutsche Akkreditierungsstelle GmbH
Akkreditierung

Umfassende Möglichkeiten
A wide range of options

Genaue Prüfungen sichern Erfolg
Accurate tests ensure success

Eigene Bauteil- und Werkstoffprüfungen haben bei Schüco Tradition und garantieren höchste Qualität. 1967 begann der Prüfbetrieb, 1968 kaufte Schüco die erste Universalprüfmaschine. Heute werden umfangreiche Prüfungen für sämtliche Systeme und Bauteile von Schüco in insgesamt neun Themengebieten durchgeführt. Pro Jahr führen über 40 Mitarbeiter viele hundert Komplettprüfungen durch, vom kleinen Bauteil bis hin zu kom-pletten Fassadenelementen.

Schüco has a tradition of carrying out its own component and material tests, which guarantee the highest levels of quality. Testing began in 1967, and in 1968 Schüco purchased the first universal test machine. Today, comprehensive testing is carried out on all Schüco systems and components in a total of nine areas. Over 40 employees carry out several hundred complete tests per year, starting with small components through to complete façade units.



Bauteil- und Werkstoffprüfung
Statische und dynamische Druck-, Biege- und Zugversuche sowie Prüfungen des mechanischen Leistungsverhaltens von Systembauteilen.

Component and material testing
Static and dynamic pressure, bending and tensile tests, as well as tests on the mechanical performance of system components.

Umweltsimulationsprüfung
Klimatische Prüfung der Gebäudehülle und ihrer Komponenten sowie Prüfung der Alterung von Material und Produkt durch Wärme, Kälte, Feuchte, UV-Licht und Korrosion.

Environmental simulation tests
Climatic testing of the building envelope and its components, as well as ageing of materials and products due to heat, cold, humidity, UV light and corrosion.

Elektromagnetische Verträglichkeit und IP-Schutzarten
Normgerechte Prüfungen zur Störfestigkeit und Störabstrahlung von elektronischen Bauteilen oder Fremdprodukten und deren Schutz gegen feste Körper und Wasser.

Electromagnetic compatibility and IP protection ratings
Testing the interference immunity and interference emissions of electronic components or non-Schüco products in line with standards, as well as their protection against solid foreign bodies and water.

Akustikprüfung
System- und Elementprüfung der Luftschalldämmung von Fenstern, Türen oder Fassaden an Originalbauteilen in vier voneinander abgekoppelten Räumen.

Acoustics testing
System and unit testing of the airborne sound insulation of windows, doors or façades on original components in four rooms which are independent of one another.

Dichtheitsprüfungen
Prüfung und Fehleranalyse an Fenstern und Türen wie auch für Fassadenelemente bis 21 m Breite und 13 m Höhe im größten Indoor-Fassadenprüfstand Europas, inklusive Propellertest nach internationalen Standards.

Weathertightness tests
Testing and fault analysis for windows and doors, as well as for façade units up to 21 m in width and 13 m in height, on the largest indoor test rig in Europe, including a propeller test in accordance with international standards.

Beschussprüfungen
Normgerechte Vorprüfung für alle beschusshemmenden Elemente aus den Fenster-, Türen- und Fassadensystemen von Schüco.

Ballistics tests
Preliminary testing in line with standards for all bullet-resistant units which can be fabricated from Schüco window, door and façade systems.

Versuchswerkstatt
Herstellung aller Arten von Prototypen und Prüfelementen wie in einem eigenen Metallbaubetrieb auf über 2.000 m².

Samples workshop
Production of all forms of prototype and test units, just like in an independent metal fabrication company, across more than 2,000 m².

Mechanik, Lebensdauer, Sicherheit
Dauertests und Funktionsprüfungen für Fenster und Türen, Behänge, Öffnungseinrichtungen, Kammergetriebe, elektrische Antriebe und vieles mehr.

Mechanics, durability, safety and security
Durability and operation tests for windows and doors, blinds, opening devices, cavity-fitted gearboxes, electric drives and much more.

Das Schüco Qualitätsmanagement nach ISO 9001

Schüco quality management in accordance with ISO 9001

Der Schüco International KG wurde am 24.10.92 erstmals von der DQS (Deutsche Gesellschaft zur Zertifizierung von Managementsystemen GmbH) das Zertifikat für Qualitätsmanagementsysteme nach ISO 9001 ausgestellt. Seither wird sichergestellt, dass das Qualitätsmanagementsystem bei Schüco den Forderungen der ISO 9001 entspricht und entsprechend angewendet wird.

Schüco International KG was first awarded the Certificate for Quality Management Systems on 24.10.92 by the DQS (Deutsche Gesellschaft zur Zertifizierung von Managementsystemen GmbH) in accordance with ISO 9001. Since then, it has been ensured that the quality management system at Schüco complies with the requirements of ISO 9001 and is implemented accordingly.

ZERTIFIKAT

SCHÜCO

Schüco International KG

ISO 9001 : 2008

DQS GmbH

IQNet

THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

Schüco International KG

ISO 9001 : 2008

Registration Number: DE-000226 QM08

Was bedeutet Qualitätsmanagement nach ISO 9001?
Dieses Qualitätsmanagementsystem stellt sicher, dass alle Produkte aus dem Hause Schüco nach festgeschriebenen Regeln geplant, entwickelt, produziert und ausgeliefert werden. Voraussetzung hierfür ist, dass alle Abteilungen und Ressorts, die direkt oder indirekt mit Schüco Produkten zu tun haben, ebenfalls die hohen Standards eines zertifizierten Qualitätsmanagementsystemes erfüllen. Das bedeutet am Ende, dass für die gute Qualität der Produkte und Prozesse alle Bereiche und jeder einzelne Mitarbeiter verantwortlich sind. Produktbezogene Gütezeichen und/oder Normen werden ebenfalls durch das Qualitätsmanagementsystem nach ISO 9001 unterstützt.

What does quality management in accordance with ISO 9001 mean?
This quality management system ensures that all products from Schüco are planned, developed and produced in accordance with specific rules. The prerequisite for this is that all the divisions and departments dealing with Schüco products either directly or indirectly also meet the high standards of a certified quality management system. In the end, this means that each individual employee and all areas are responsible for the high quality of the products and processes. Product-related quality marks and/or standards are also supported by the quality management system in accordance with ISO 9001.

Technische Dokumentationen für Tablet Computer

Technical documentation for tablet computers

Ob beim Architekten, in der Arbeitsvorbereitung, oder in der Werkstatt – mit der neuen Schüco App „Technische Dokumentationen“ spart man Zeit und senkt so effektiv die Kosten

Whether used by architects, in process planning or in the workshop – the new Schüco "Technical Documents" app saves time and therefore costs

Ab sofort bietet Schüco mit der neuen App „Technische Dokumentationen“, kurz TecDoc, einen umfangreichen Zugriff auf alle Technischen Dokumentationen. Von Bestell- und Fertigungskatalogen bis hin zu Informationen und Prospekten für Architekten – alles ist jetzt auch mobil verfügbar. Übersichtlich in einem Kiosk nach Kategorien sortiert, lassen sich Dokumentationen ganz einfach auf dem Tablet anschauen oder auf das Gerät herunterladen. Diese Kataloge stehen somit auch ohne Netzempfang zur Verfügung. Darüber hinaus bietet TecDoc einen entscheidenden Vorteil: Alle Kataloge im Kiosk sind immer auf dem aktuellen Stand. Bereits heruntergeladene Kataloge lassen sich bequem aktualisieren. Die zeitaufwendige Arbeit des Einheftens von Nachtragssätzen entfällt. Und für die schnelle Navigation innerhalb eines Katalogs gibt es ein übersichtlich strukturiertes Inhaltsverzeichnis.

Produktvorteile

- Volltextsuche und Lesezeichen
- Verschicken einzelner Seiten per E-Mail
- Doppelseitenansicht im Querformat, Einzelseiten im Hochformat
- Zoomen und Wischen innerhalb eines Katalogs
- Mehrsprachig
- Drucken via AirPrint

Schüco now offers comprehensive access to all Schüco technical documentation with the new “Technical Documentation” (“TecDoc”) app. From order and fabrication manuals to information and brochures for architects – all this is now available on mobile devices. Clearly sorted by category in a kiosk, documentation can be easily viewed on a tablet or downloaded onto the device. These manuals are also available when there is no network coverage. Furthermore, TecDoc offers a decisive advantage: All manuals in the kiosk are always the most up-to-date versions. Manuals that have been previously downloaded can be easily updated. There is no need for the time-consuming adding of supplements. And for fast navigation within a manual, there is a clearly structured contents page.

Product benefits

- Full text search and bookmarks
- Send individual pages by email
- Double page view in landscape format, individual pages in portrait format
- Zoom and scroll within a manual
- Multilingual
- Print via AirPrint

Aluminium ist...
Aluminium is...

- **der Bauwerkstoff der Zukunft,** da im hohen Maße wertbeständig. Nur Aluminium bietet der Architektur die Gestaltungsvielfalt in Form und Farbe.
- **langlebig und wertbeständig,** da es weder korrodiert noch verrottet. Bauelemente bleiben ein Leben lang ohne erhaltende Maßnahmen für die Oberfläche schön wie am ersten Tag.
- **pflegeleicht,** wird eloxiert oder farbbeschichtet eingesetzt. Außer Reinigen fällt keine Wartung an.
- **beliebig gestaltbar,** und läßt sich mit einem hohen Vorfertigungsgrad für Bauprofile verformen. Diese sind praktisch in jeder Form herstellbar.
- **designorientiert,** also der ideale Werkstoff zum Einsatz in zeitgemäßer Architektur. Alle Formen und Farben sind machbar.
- **nicht brennbar,** es wird sogar in Verbindung mit energieverzehrenden Materialien zu Feuerschutztüren T90 verarbeitet.
- **wärmedämmend,** Aluminium-Profile für Fenster, Türen und Fassaden sind zweischalig und mit Wärmedämmstegen verbunden.
- **energiesparend,** Aluminium kann unendlich oft mit geringem Energieverbrauch eingeschmolzen werden. Je öfter Aluminium recycelt wird, um so wirtschaftlicher ist es.
- **leicht und stabil,** mit einem spezifischen Gewicht von nur 2,7 g/cm³ sehr leicht. Daher werden gerade am Bau Rohbaukosten gespart. Die Festigkeit ist sehr hoch und präzise zu berechnen – also ideal für großflächige Fenster, Türen und Fassaden.
- **sicher,** und bedingt durch hohe Festigkeit in Verbindung mit Spezialbeschlägen besonders einbruchhemmend.
- **nachhaltig,** beste Eignung für den Einsatz in Green Buildings.

- **the building material of the future,** as it maintains its value. Only aluminium can give architecture such a variety of combinations in form and colour.
- **durable and stable,** as it neither corrodes nor rots. Building components last a lifetime without the need for further surface treatment. It stays as good as new.
- **easy to maintain,** as it is anodised or colour-coated. With the exception of cleaning, no maintenance is necessary.
- **versatile,** and can be fabricated into preformed assemblies. These can be produced in practically any shape.
- **a material for design,** ideal for use in contemporary architecture. All kinds of shapes and colours can be produced.
- **non-flammable,** used together with energy-absorbing materials to produce T90 fire doors.
- **thermal insulation,** aluminium profiles for windows, doors and façades are double-chambered and rolled together with insulating bars.
- **energy efficient,** aluminium can be melted down repeatedly, expending the minimum amount of energy. Aluminium becomes more economical each time it is recycled.
- **light and stable,** with a specific gravity of only 2.7 g/cm³. Savings can therefore be made on the cost of the building shell. It has a high degree of stability which can be calculated with precision, making it ideal for large area windows, doors and façades.
- **secure,** and particularly burglar-resistant both because of its strength and when used with special fittings.
- **sustainable,** ideally suited for use in green buildings.

Aluminium und Umwelt
Aluminium and environment

**Für Sie und die Umwelt ein Gewinn:
Schüco Systeme aus Aluminium**

- Aluminium ist leicht, fest, pflegeleicht und korrosionsbeständig – ein Werkstoff mit langer Lebensdauer.
- Aluminium ist präzise formbar – für energiesparende Bauteile mit hoher Dichtigkeit, Schall- und Wärmedämmung.
- Von dem Mineral Bauxit, aus dem Aluminium gewonnen wird, verfügt die Erde über nahezu unerschöpfliche Vorkommen.
- Der Energiebedarf zur Gewinnung von Aluminium wird weltweit zu über 60% aus umweltfreundlicher und immer wieder verfügbarer Wasserkraft gedeckt.
- Beim Einschmelzen von Alt-Aluminium sind nur noch 5% des ursprünglichen Energieeinsatzes erforderlich.
- Alt-Aluminium kann auf gleichbleibendem Qualitätsniveau immer wieder recycelt werden. Beim Rückbau eines Gebäudes werden nahezu alle anfallenden Aluminiumschrotte wieder in den Wertstoffkreislauf zurückgeführt.
- Bereits heute bestehen rund 35% des Aluminium-Verbrauchs aus wiederverwertetem Aluminium. Der Anteil wächst ständig.

Im Baubereich existiert ein umfassendes Wertstoff-Kreislauf-System.

**A success for you and the environment:
Schüco aluminium systems**

- Aluminium is light, solid and non-corrosive – a maintenance-free, long-life material.
- Aluminium can be shaped with precision to make energy-saving building components, sealed against the elements and with a high degree of sound and thermal insulation.
- The mineral bauxite, from which aluminium is extracted, is present in the earth in almost inexhaustible quantities.
- Over 60% of the energy required to extract aluminium worldwide is generated from environmentally friendly, renewable sources, namely water power.
- When aluminium is melted down for recycling, only 5% of the original energy input is required.
- Old aluminium can be recycled again and again with no loss of quality. When a building is dismantled, almost all of the scrap aluminium can be recycled.
- 35% of aluminium consumption today already consists of recycled aluminium. This percentage is steadily increasing.

Comprehensive resource recycling plays an important role within the building industry.

Wertstoffkreislauf

A/U/F

Aluminium und Umwelt im Fenster- und Fassadenbau

Eine Gesellschaft im Dienst der Umwelt

Materials recycling

A/U/F

Aluminium and environement in window and façade construction

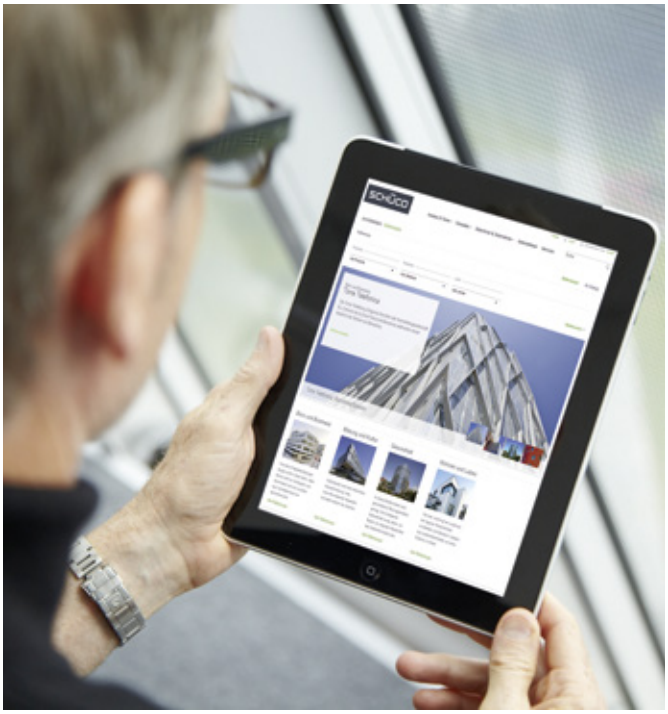
An organisation serving the environment

Zuschnittreste aus den Betrieben und ausgebaute Alt-Bauteile werden der Wiederverwendung zugeführt. Schüco International KG und seine Partner fördern und nutzen diesen Kreislauf seit Jahren.

Factory cut-offs and reclaimed materials from the renovation of old buildings are all recycled for future use. For many years, Schüco International KG and its partners have actively employed and promoted recycling.

Schüco Serviceleistungen
Schüco services

Planung und Gestaltung von Gebäuden
Planning and designing buildings



Internet Services
Schüco bietet umfangreiche Online-Planungs-Tools, z. B.: Architekten Informationen (technische Dokumentation), Ausschreibungstexte, CAD-Zeichnungen, Konstruktionsdetails, Konstruktions- und Kalkulationsprogramme.

Online services
Schüco provides comprehensive online planning aids, e.g. Architect Information (technical documentation), specification texts, CAD drawings, construction details, construction and calculation programs.

www.schueco.de/services
www.schueco.com/services

Referenzenbibliothek
Internationale Referenzobjekte mit Fotos und konstruktiven Details präsentiert Ihnen Schüco in der Referenzbibliothek und nun auch für unterwegs als Schüco App. So haben Sie alle Informationen auch unterwegs auf einen Blick dabei.

Reference library
Schüco presents international reference projects with photos and structural details in the reference library and now also on the move with the Schüco App. This enables you to have all the information at the touch of a button anytime, anywhere.

www.schueco.de/referenzen
www.schueco.com/references

Im Dialog
Schüco befindet sich im stetigen Austausch mit Architekten, Fachplanern und Investoren. Architekturmagazin Profile, Sonderpublikationen, themenbezogene Events, Schüco auf Facebook und Google+.

In dialogue
Schüco keeps in constant touch with architects, specifiers and investors: Profile architecture magazine, special publications, topic-based events, Schüco on Facebook and Google+.

www.schueco.de/dialog
www.schueco.com/dialogue

Beratungsservice
Neben Onlinetools bietet Schüco eine flächendeckende, persönliche Beratung in jeder Bauphase.

Consultancy service
Besides the online tools, Schüco also provides comprehensive personal consulting for every stage of the build.

www.schueco.de/architekten-kontakt
www.schueco.com/architects-contact

Schüco Unternehmensprofil
Schüco Company Profile

Schüco – der Marktführer für innovative Gebäudehüllen steht für weltweite Kompetenz bei Fenstern, Türen, Fassaden und Solarlösungen

Schüco – the market leader for innovative building envelopes, stands for global expertise in windows, doors, façades and solar solutions

Unternehmenszentrale Bielefeld, Deutschland
Head Office, Bielefeld, Germany

Gründung
1951 in Ostwestfalen

Unternehmenszentrale
Karolinenstr. 1–15
33609 Bielefeld
Deutschland

Persönlich haftender Gesellschafter
Dr. Hinrich Mählmann

Geschäftsleitung
Andreas Engelhardt (Vorsitzender),
Horst Platzhoff, Dr. Nico Reiner und
Helmut Marzahn

Kompetenzen
Fenster- und Türsysteme
Fassadensysteme
Solarsysteme

Netzwerk
Weltweit über 12.000 Partner sowie Architekten, Planer und Investoren

Mitarbeiter/-innen
Derzeit 5.000 Mitarbeiter weltweit

Internationalität
78 Länder

Gruppenumsatz
1,8 Mrd. EUR (2012)

Exportanteil
47,8% (2011)

Sponsoring Partner
Golfsport: Ein Team von Weltklasse-Golfern schlägt rund um den Globus als Schüco Markenbotschafter für den Klimaschutz ab
Fußball: Arminia Bielefeld

Founded
1951 in East-Westphalia

Head Office
Karolinenstr. 1–15
33609 Bielefeld
Germany

Managing Partner
Dr. Hinrich Mählmann

Schüco Executive Management Board
Andreas Engelhardt (Chairman of the Executive Management Board, CEO), Horst Platzhoff, Dr. Nico Reiner and Helmut Marzahn

Expertise
Window and door systems
Façade systems
Solar products

Network
More than 12,000 partners worldwide, as well as architects, developers and investors

Employees
5,000 employees worldwide at present

International presence
78 countries

Group turnover
€1.8 billion (2012)

Exports
47.8% (2011)

Sponsorship partners
Golf: a team of world-class golfers is teeing off for climate protection all around the globe as Schüco brand ambassadors
Football: Arminia Bielefeld

Schüco International KG
www.schueco.com

Schüco – Systemlösungen für Fenster, Türen, Fassaden und Solar.
Mit seinem weltweiten Netzwerk aus Partnern, Architekten, Planern und Investoren realisiert Schüco nachhaltige Gebäudehüllen, die im Einklang mit Natur und Technik den Menschen mit seinen Bedürfnissen in den Vordergrund stellen. Dabei werden höchste Ansprüche an Design, Komfort und Sicherheit erfüllt, gleichzeitig durch Energieeffizienz CO_2-Emissionen reduziert und so die natürlichen Ressourcen geschont.
Das Unternehmen mit seinen Sparten Metallbau, Kunststoff und Neue Energien liefert zielgruppengerechte Produkte für Neubau und Modernisierung, die den individuellen Anforderungen der Nutzer in allen Klimazonen gerecht werden. Schüco ist mit 5.000 Mitarbeitern und 12.000 Partnerunternehmen in 78 Ländern aktiv und hat in 2012 einen Jahresumsatz von 1,8 Milliarden Euro erwirtschaftet.

Schüco – System solutions for windows, doors, façades and solar products.
Together with its worldwide network of partners, architects, specifiers and investors, Schüco creates sustainable building envelopes which focus on people and their needs in harmony with nature and technology.
The highest demands for design, comfort and security can be met, whilst simultaneously reducing CO_2 emissions through energy efficiency, thereby conserving natural resources. The company and its Metal, PVC-U and New Energies divisions deliver tailored products for newbuilds and renovations, designed to meet individual user needs in all climate zones.
With 5,000 employees and 12,000 partner companies, Schüco is active in 78 countries and achieved a turnover of 1.8 billion euros in 2012.

Art. No. 97997/11.2013
Änderungen und Irrtümer vorbehalten. Abbildungen ähnlich.
We reserve the right to make technical changes and to correct errors.
All illustrations are similar.