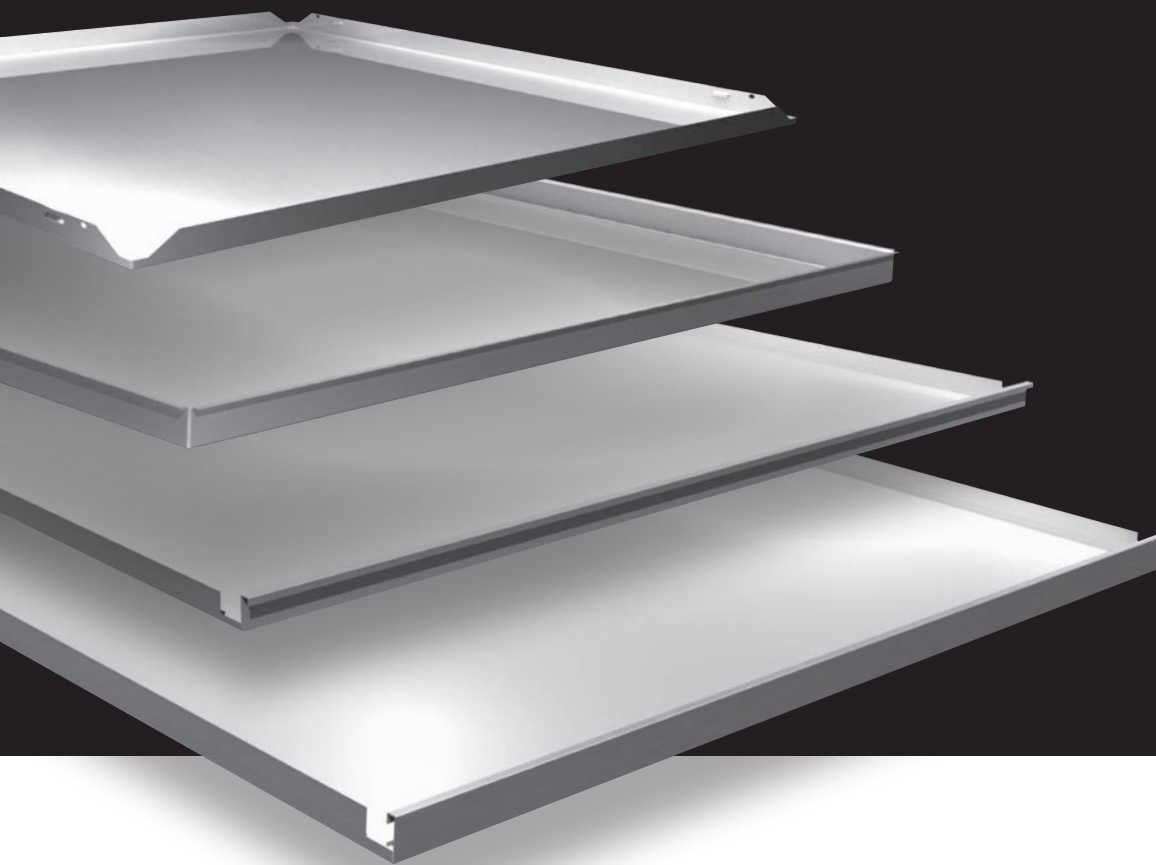


Tiles & Planks Ceiling systems

Hunter Douglas Tiles and Planks ceilings offer interesting design options. Partly thanks to the extensive range, a solution for every project is available or can be created.



HunterDouglas 
Architectural

Tiles & Planks Ceiling systems

Creativity in design



DESIGN FLEXIBILITY

Tiles and Planks Ceiling systems from Hunter Douglas offer the combination of style and functionality for which we are known. These systems are available in different installation concepts.

Lay-On, Lay-In Tiles and Planks provide easy access and are ideal for situations where regular maintenance or service is required on installations in the plenum. Clip-In Tiles and Planks are available in square and rectangle module sizes that are common used in ceiling design.

No matter your style, our ceilings have the looks you love. Whatever your project's needs, our Tiles and Planks Ceilings give you the freedom to think inside or outside the box.

LONG LASTING, LOW MAINTENANCE

Tile and Plank Ceiling systems are manufactured from durable aluminium or steel. Finished with a powder coating or produced from durable coil coated material, these ceilings will last longer and require less maintenance.

EASY PLENUM ACCESS

Tiles and Planks from Hunter Douglas allow full plenum access and can be easily demounted by hand or simple tools.

PERFECTLY PERFORATED ACOUSTICS

Perforated Tiles and Planks improve acoustical performance as well as creating aesthetic effects. They can be provided with a special sound-absorbing non-woven tissue glued into the panel, further enhancing acoustical performance.



PROVEN FIRE PROTECTION

All Tile and Plank Ceiling systems have earned a high reaction to fire classification according to EN 13501-1, in official fire tests at Efectis, Rijswijk - an independent Dutch fire research institute.

HunterDouglas® Ceilings comply with European standards according to EN 13964 and with quality control according to TAIM standards and ISO 9001: 2015. In addition, these ceilings comply with the fire standard NBN 713.020.

For more information visit www.hunterdouglas.co.uk

CONTENT

Page

Tiles:

Lay-In 2

Lay-On 3

Clip-In 3 mm 4

Planks:

Alpha Bandraster 5

Alpha Bandraster Swing-Down 6

Alpha Bandraster Torsion Spring 7

Beta Hook-On Singular 8

Beta Hook-On Corridor 9

Beta Hook-On Continuous 10

Beta Hook-On Safety Loop 11

Beta Hook-On Isola 12

Delta Torsion Spring Continuous 13

Gamma Lay-On 14

Acoustics / Perforations /
Edge profiles 15

Material specifications 16

HunterDouglas Architectural 17

Designed to work for you



HunterDouglas

Production by Hunter Douglas Ceiling Center

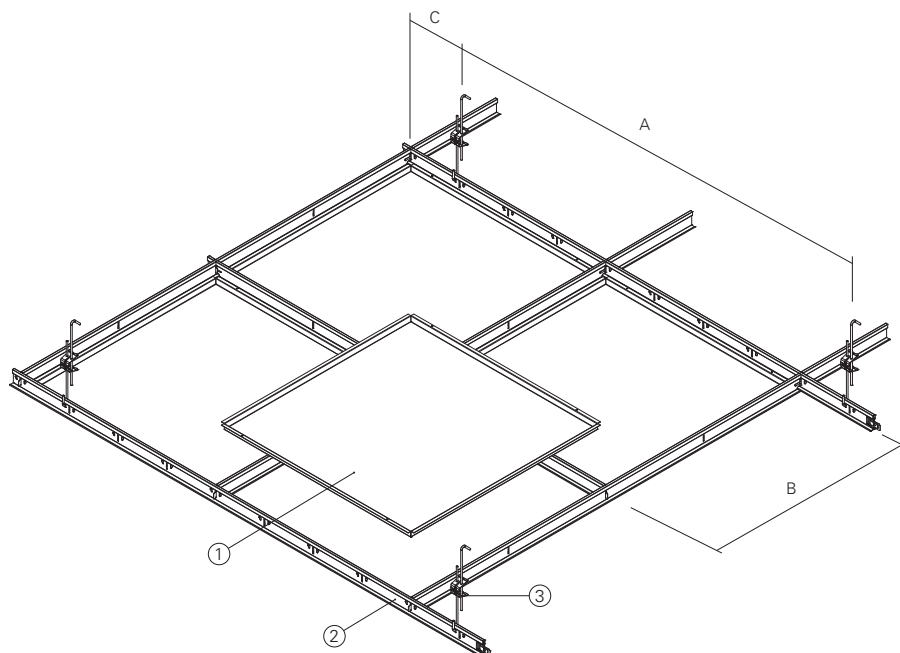
Tiles - Lay-In

TILES

Lay-In Tiles are designed to be installed in conventional T-Grid systems with T-Bar sizes of 15 mm or 24 mm. By pushing the tile up-wards, all types provide easy access to the plenum without the use of special tools.

SUSPENSION

The exposed T-Grid of Lay-In Tiles enhances the modular design pattern. A more distinctive emphasis can be provided by the use of wide T-grids and 16 mm deep reveals, or less prominent by using 15 mm T-grids and an 8 mm reveal. Lay-In Tiles provide easy access by lifting and shifting the ceiling tiles. They are ideal for situations where regular maintenance or service is required to ducts, pipes, airco-systems, or computer- or telephone networks. Before selecting this system, care should be taken to ensure that there is enough space in the plenum to lift the tiles upward. Because the Lay-In system offers easy access and adaptability, lighting and services can be conveniently repositioned. This is particularly useful for supermarkets, laboratories, computer suites and offices.

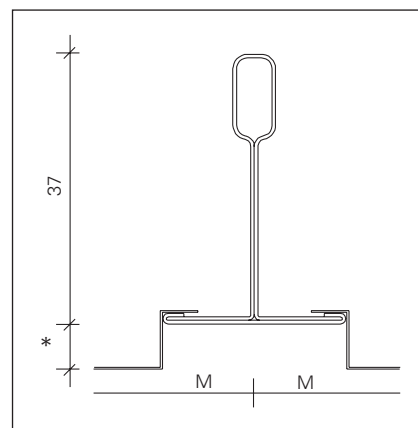


- 1 = Lay-In Tile
- 2 = T-grid (non HD)
- 3 = Hangers (non HD)

A = 1200 mm (max.)
B = Module
C = 300 mm (max.)

CONSTRUCTION DETAILS

* Depth of reveal



DIMENSIONS (MM)

Lay-In Tiles 15/8; 15 mm Grid 8 mm Reveal



Module in mm	Gauge	
	Steel	Alu
600 x 600	0.5-0.6	0.5-0.6-0.7
600 x 1200	0.5-0.6	0.5-0.6

Lay-In Tiles 24/8; 24 mm Grid 8 mm Reveal



Module in mm	Gauge	
	Steel	Alu
600 x 600	0.5-0.6	0.5-0.6-0.7
600 x 1200	0.5-0.6	0.5-0.6

Lay-In Tiles 24/0; 24 mm Grid 0 mm Reveal



Module in mm	Gauge	
	Steel	Alu
600 x 600	0.5-0.6	0.5-0.6-0.7

Lay-In Tiles 24/16; 24 mm Grid 16 mm Reveal



Module in mm	Gauge	
	Steel	Alu
600 x 600	0.5-0.6	0.5-0.6-0.7

MATERIAL REQUIREMENT PER M²

Components	Unit	600 x 600	600 x 1200
Tile	pcs	2.78	1.39
Grid Profile	m ¹	3.34	2.50
Suspension	pcs	0.69	0.69

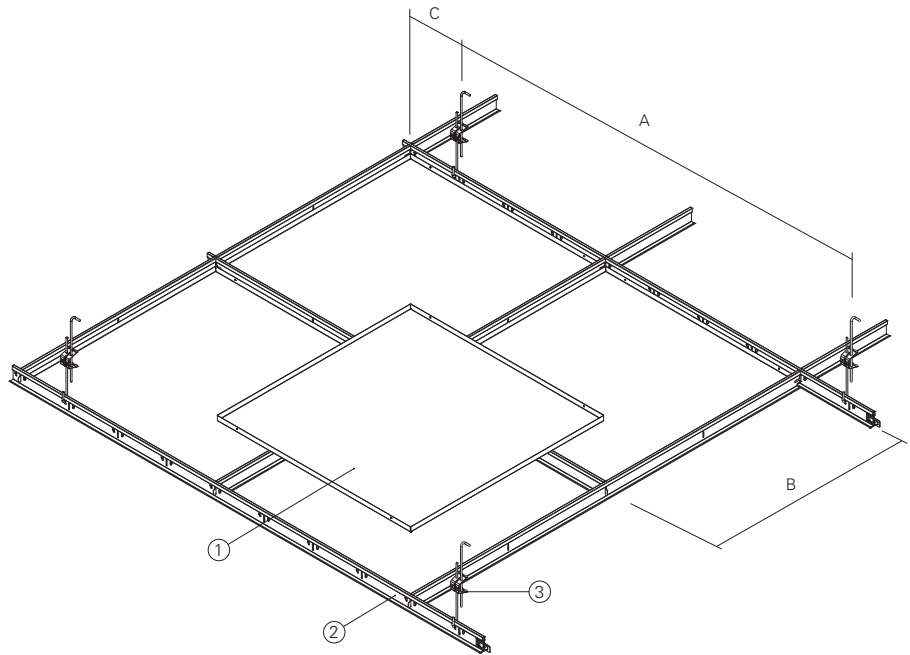
Tiles - Lay-On

TILES

Lay-On Tiles are designed to be installed in conventional T-Grid systems with T-Bar sizes of 15 mm or 24 mm. By pushing the tile up-wards, all types provide easy access to the plenum without the use of special tools.

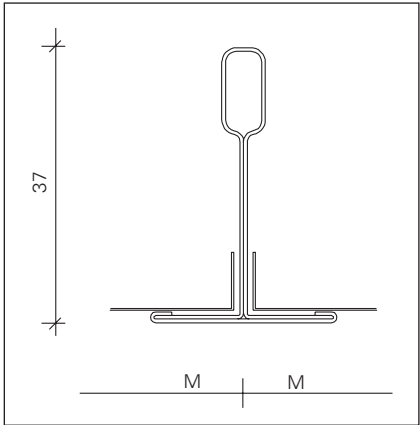
SUSPENSION

The exposed T-Grid of Lay-On Tiles enhances the modular design pattern. A more distinctive emphasis can be provided by the use of wide T-grids or less prominent by using 15 mm T-grids. Lay-On Tiles provide easy access by lifting and shifting the ceiling tiles. They are ideal for situations where regular maintenance or service is required to ducts, pipes, airco-systems, or computer- or telephone networks. Before selecting this system, care should be taken to ensure that there is enough space in the plenum to lift the tiles upward. Because the Lay-On system offers easy access and adaptability, lighting and services can be conveniently repositioned. This is particularly useful for supermarkets, laboratories, computer suites and offices.



- 1 = Lay-On Tile
- 2 = T-grid (non HD)
- 3 = Hangers (non HD)

- A = 1200 mm (max.)
- B = Module
- C = 250 mm (max.)



CONSTRUCTION DETAILS

DIMENSIONS (MM)

Lay-On Tiles 15/24; 15 mm or 24 mm Grid



Module in mm	Gauge	
	Steel	Alu
600 x 600	0.5-0.6	0.5-0.6-0.7
600 x 1200	0.5-0.6	0.6

MATERIAL REQUIREMENT PER M²

Components	Unit	600 x 600	600 x 1200
Tile	pcs	2.78	1.39
Grid Profile	m ¹	3.34	2.50
Suspension	pcs	0.69	0.69

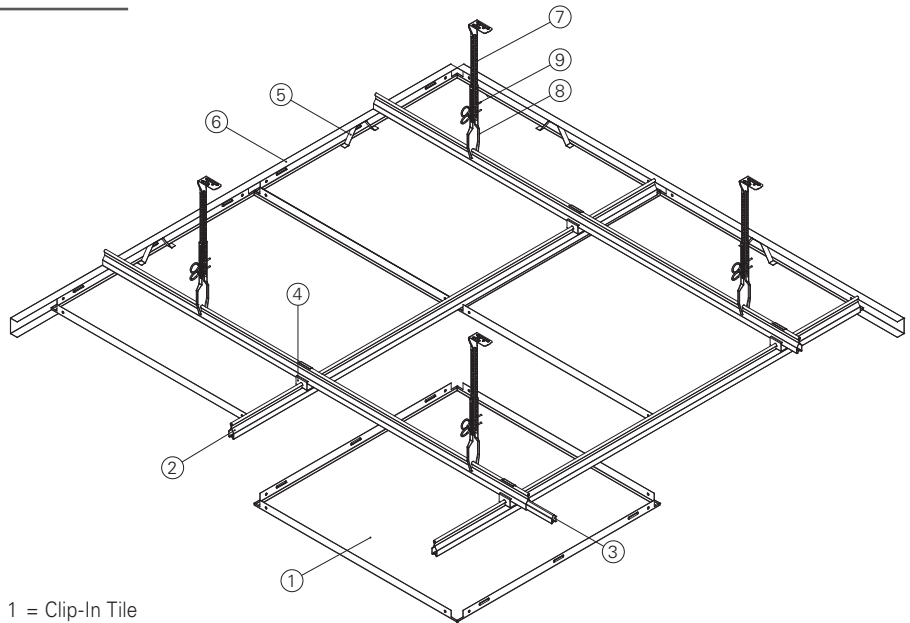
Tiles - Clip-In 3 mm

TILES

The Clip-In Tile system has a bevelled edge to form visually closed joints. The 3 mm bevel will emphasise the crispness of the tile ceiling design with fine jointlines. Clip-In Tiles are available in a wide variety of pre-defined rectangular module sizes that are commonly used in ceiling design.

SUSPENSION

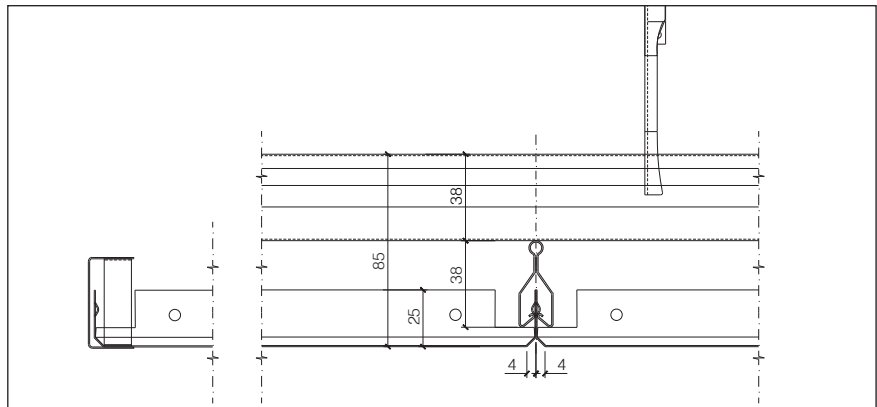
Dimples in the longitudinal tile-edges, enable each tile to be clipped into the concealed grid system. There is one universal Clip-In profile available for both the primary and secondary support structure. Perimeter tiles are cut into an edge cover profile. Closed joint details make the Clip-In Tile systems ideal for areas related to hygiene. Individual tiles can easily be released from the grid-profiles with a simple tool that is inserted between adjacent tiles on both edges, combined with downward pulling.



- 1 = Clip-In Tile
- 2 = Clip-In carrier
- 3 = Clip-In carrier splice
- 4 = Carrier cross connector
- 5 = Hold down clip
- 6 = Edge profile
- 7 = Upper Nonius hanger
- 8 = Lower Nonius hanger
- 9 = Nonius locking clip

Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

CONSTRUCTION DETAILS



DIMENSIONS (MM)

Clip-In 3 mm Bevel 'Tile-Options'

Module in mm	Gauge	
	Steel	Alu
600 x 600	0.5-0.6	0.5-0.6-0.7

Clip-In 3 mm Bevel 'Swing Down'

Module in mm	Gauge	
	Steel	Alu
600 x 600	0.5-0.6	0.6-0.7

MATERIAL REQUIREMENT PER M²

Components	Unit	600 x 600
Tile	pcs	2.78
Clip-In Profile	m ¹	2.50
Cross Connector	pcs	1.39
Clip-In Profile Splice	pcs	0.50
Suspension	pcs	0.69

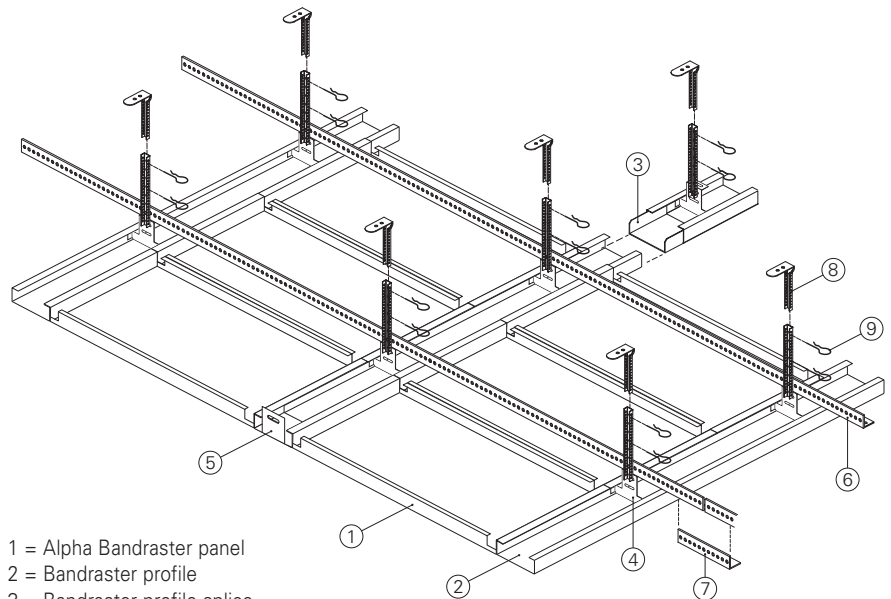
Planks - Alpha Bandraster

PLANKS

The Alpha Bandraster Planks are panels (custom made) with all four sides folded upwards. The two short sides are folded outwards. This allows the ceiling elements to rest on the bandraster grid. The two long sides are only folded upwards and inwards and guarantee the solidity of the panel.

SUSPENSION

The Hunter Douglas Planks Ceiling with bandraster system is composed of a lacquered carrier construction and metal ceiling elements (panels). The ends of the ceiling elements rest on the parallel mounted and visible bandraster profiles. The bottom of the panels are at the same level as the bottom of the bandrasters, creating a flat ceiling surface. The wall connection is made using an edge profile.



- 1 = Alpha Bandraster panel
- 2 = Bandraster profile
- 3 = Bandraster profile splice
- 4 = Alpha bracket
- 5 = Alpha wall bracket
- 6 = Primary profile
- 7 = Primary profile splice
- 8 = Nonius hanger
- 9 = Locking clips

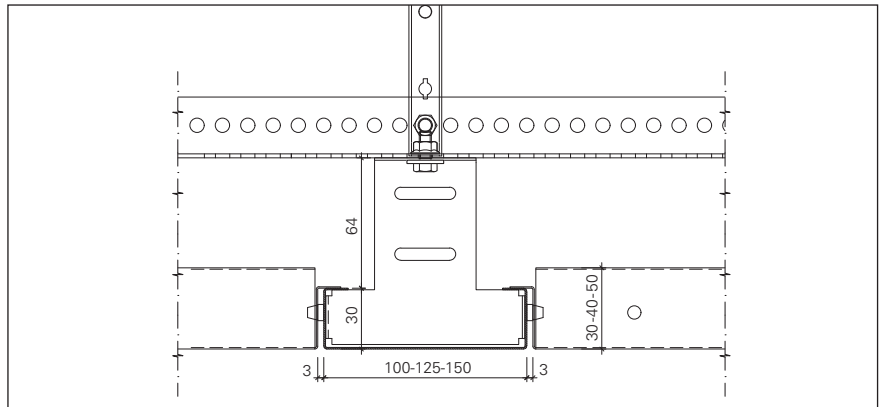
Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

CONSTRUCTION DETAILS

Dimensions Bandraster

Width : 100 mm
Height: 30 mm
Lip : 12 mm

Other sizes available: 125 - 150 mm



DIMENSIONS (MM)

Plank Alpha Bandraster				
Min. width	Max. width	Min. length	Max. length	Height
300	600	1000	1500	30
300	600	1500	2000	40
300	600	2000	2400	50

MATERIAL REQUIREMENT PER M²

Components	Unit	Based on panelsize 300 x 2400 mm
Plank Alpha Bandraster	pcs	1.39
Bandraster profile	lm	0.42
Bandraster profile splice	pcs	0.14
Alpha bracket	pcs	0.35
Primary profile	lm	0.83
Primary profile splice	pcs	0.28
Suspension	pcs	0.69

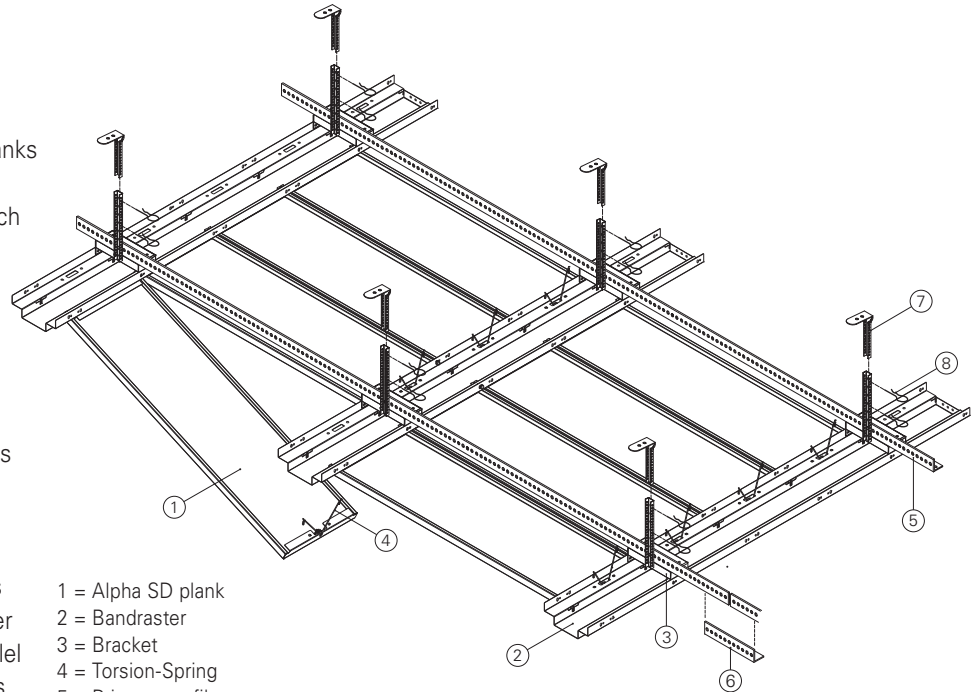
Planks - Alpha Bandraster Swing-Down

PLANKS

The Alpha Bandraster Swing-Down Planks are panels (custom made) with all four sides folded upwards and inwards which guarantees the solidity of the panel.

SUSPENSION

The Hunter Douglas Planks Ceiling with Bandraster Swing-Down system is composed of a lacquered carrier construction and metal ceiling elements (panels). On one side, the panels have integrated hooks that allow them to swing down without detaching from the bandraster and allows point-access and 100% plenum access. On the other side the panels are hooked in the parallel mounted and visible bandraster profiles with a torsion-spring for easy demounting. The bottom of the panels are at the same level as the bottom of the bandraster, creating a flat ceiling surface. The wall connection is made using an edge profile.



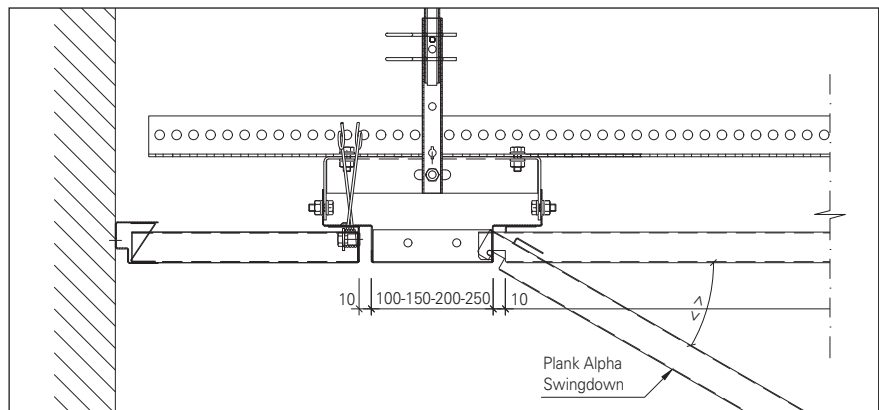
- 1 = Alpha SD plank
- 2 = Bandraster
- 3 = Bracket
- 4 = Torsion-Spring
- 5 = Primary profile
- 6 = Primary profile splice
- 7 = Nonius hanger
- 8 = Locking clips

Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

CONSTRUCTION DETAILS

Dimensions Bandraster

Width : 100 - 250 mm
Height: 30 mm
Joint : 10 mm



DIMENSIONS (MM)

Alpha Bandraster Swing-Down				
Min. width	Max. width	Min. length	Max. length	Height
300	400	1000	2400	25
500	600	1000	2000	25

MATERIAL REQUIREMENT PER M²

Components	Unit	Based on panelsize 300 x 2400 mm
Plank Alpha Bandraster SD	pcs	1.39
Bandraster profile	lm	0.42
Bandraster profile splice	pcs	0.14
Bracket	pcs	0.35
Primary profile	lm	0.83
Primary profile splice	pcs	0.28
Suspension	pcs	0.69

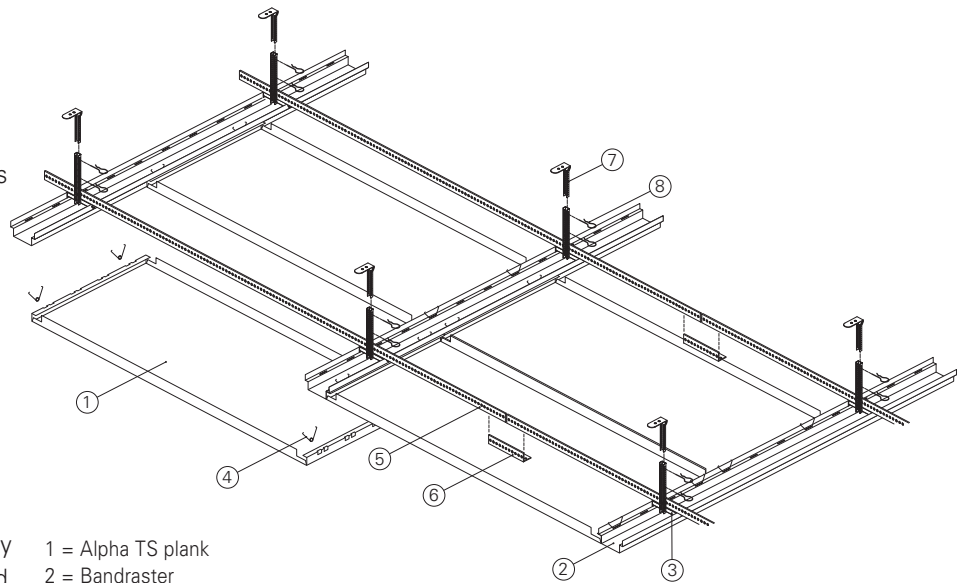
Planks - Alpha Bandraster Torsion-Spring

PLANKS

The Alpha Bandraster Torsion-Spring Planks are panels (custom made) with two sides folded upwards and two sides folded upwards and inwards which guarantees the solidity of the panel.

SUSPENSION

The Hunter Douglas Planks Ceiling with Bandraster Torsion-Spring system is composed of a lacquered carrier construction and metal ceiling elements (panels). The panels are hooked in the parallel mounted and visible bandraster profiles with four torsion-springs for easy demounting and allows point-access and 100% plenum access. The bottom of the panels are at the same level as the bottom of the bandraster, creating a flat ceiling surface. The wall connection is made using an edge profile.



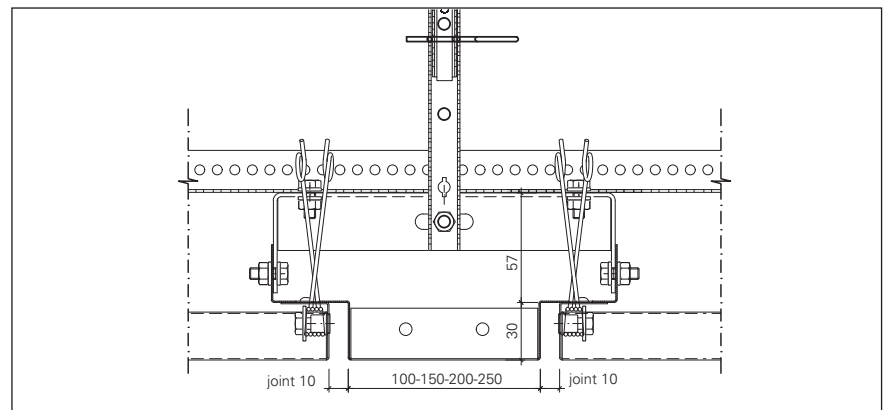
- 1 = Alpha TS plank
- 2 = Bandraster
- 3 = Bracket
- 4 = Torsion-Spring
- 5 = Primary profile
- 6 = Primary profile splice
- 7 = Nonius hanger
- 8 = Locking clips

Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

CONSTRUCTION DETAILS

Dimensions Bandraster

Width : 100 - 250 mm
Height: 30 mm
Joint : 10 mm



DIMENSIONS (MM)

Alpha Bandraster Torsion Spring				
Min. width	Max. width	Min. length	Max. length	Height
300	400	1000	2400	25
500	600	1000	2000	25

MATERIAL REQUIREMENT PER M²

Components	Unit	Based on panelsize 300 x 2400 mm
Plank Alpha Bandraster TS	pcs	1.39
Bandraster profile	lm	0.42
Bandraster profile splice	pcs	0.14
Bracket	pcs	0.35
Primary profile	lm	0.83
Primary profile splice	pcs	0.28
Suspension	pcs	0.69

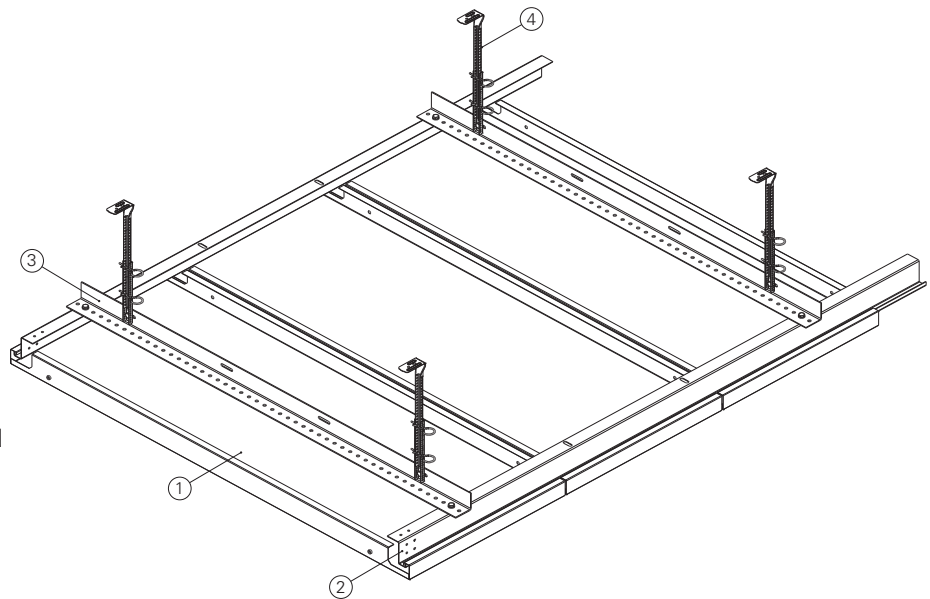
Planks - Beta Hook-On Singular

PLANKS

The Beta Hook-On Singular Planks are custom-made panels with all four sides folded upwards and inwards. Two sides are folded down again to hook onto the Z-profiles.

SUSPENSION

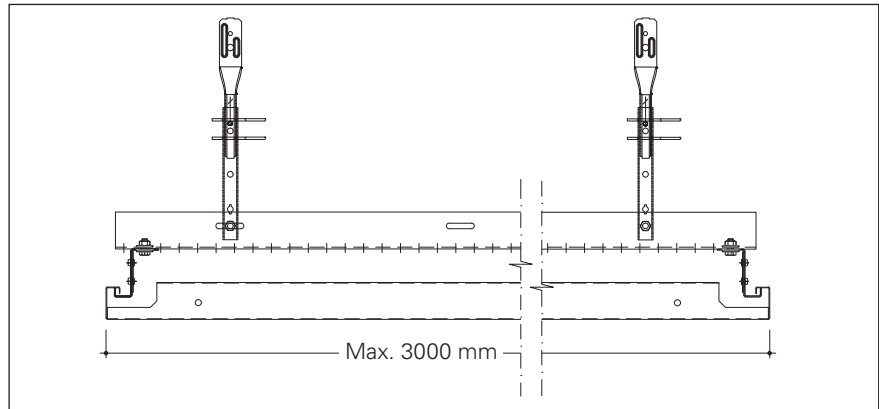
The Hunter Douglas Planks Ceiling with Hook-On system (Z-Profile) is composed of an invisible suspension and ceiling panels. The Panels hook into the Z-profiles that are fixed to the primary angle profiles which suspended from the structural ceiling with nonius hangers. The ceiling elements are easy to disassemble without tools, so that free access to the plenum is guaranteed.



- 1 = Beta Hook-On plank
- 2 = Hook-On profile
- 3 = Primary profile
- 4 = Nonius hanger

Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

CONSTRUCTION DETAILS



DIMENSIONS (MM)

Beta Hook-On Singular				
Min. width	Max. width	Min. length	Max. length	Height
300	600	800	1200	30
300	600	1200	1600	40
300	600	1600	2400	50
600	1000	800	2000	50
300	500	800	3000	50

MATERIAL REQUIREMENT PER M²

Components	Unit	Based on panelsize 300 x 2400 mm
Plank Hook-On Singular	pcs	1.39
Hook-On profile	lm	0.83
Hook-On profile splice	pcs	0.28
Primary angle profile	lm	0.83
L and Z profile connector	pcs	0.70
Suspension	pcs	0.69

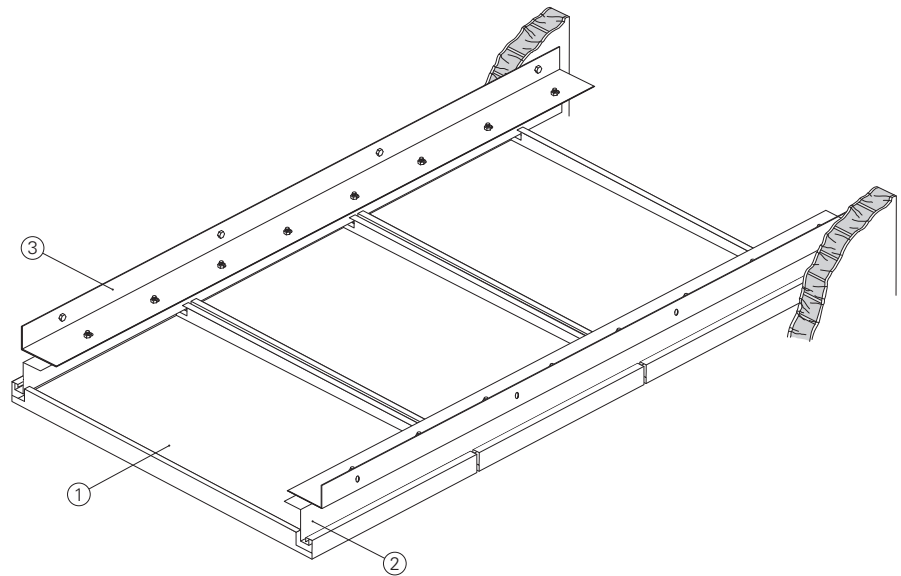
Planks - Beta Hook-On Corridor

PLANKS

The Beta Hook-On Corridor Planks are custom-made panels with all four sides folded upwards and inwards. The ends are folded down again to hook onto the Z-profiles. The other sides are folded back in again for strength.

SUSPENSION

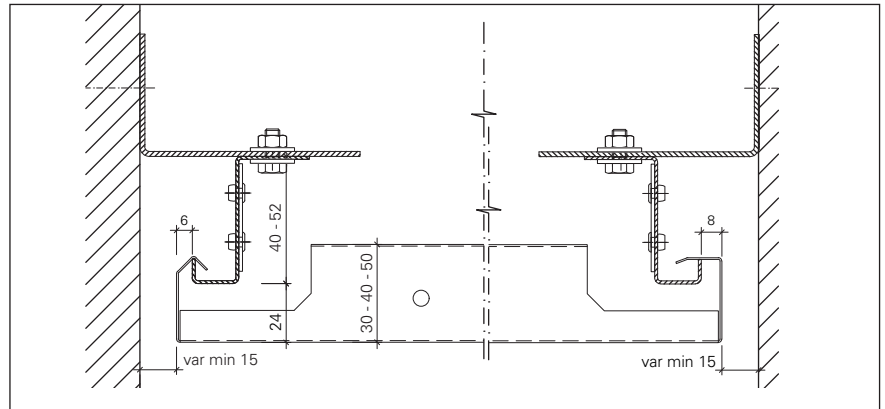
The Hunter Douglas Planks Ceiling with Hook-On system (Z-Profile) is composed of an invisible suspension and ceiling panels. The Panels hook into the Z-profiles that are The Panels hook into the Z-profiles that are fixed to the primary angle profiles which suspended from the structural ceiling with nonius hangers. suspended from the structural ceiling with nonius hangers. The ceiling elements are easy to disassemble without tools, so that free access to the plenum is guaranteed.



- 1 = Beta Hook-On plank
- 2 = Hook-On profile
- 3 = Wall profile

Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

CONSTRUCTION DETAILS



DIMENSIONS (MM)

Beta Hook-On Corridor				
Min. width	Max. width	Min. length	Max. length	Height
300	600	800	1200	30
300	600	1200	1600	40
300	600	1600	2400	50
600	1000	800	2000	50
300	500	800	3000	50

MATERIAL REQUIREMENT PER M²

Components	Unit	Based on panelsize 300 x 2400 mm
Plank Hook-On Corridor	pcs	1.39
Hook-On profile	lm	0.83
Hook-On profile splice	pcs	0.28
L and Z profile connector	pcs	0.70
Wall profile	pcs	0.83

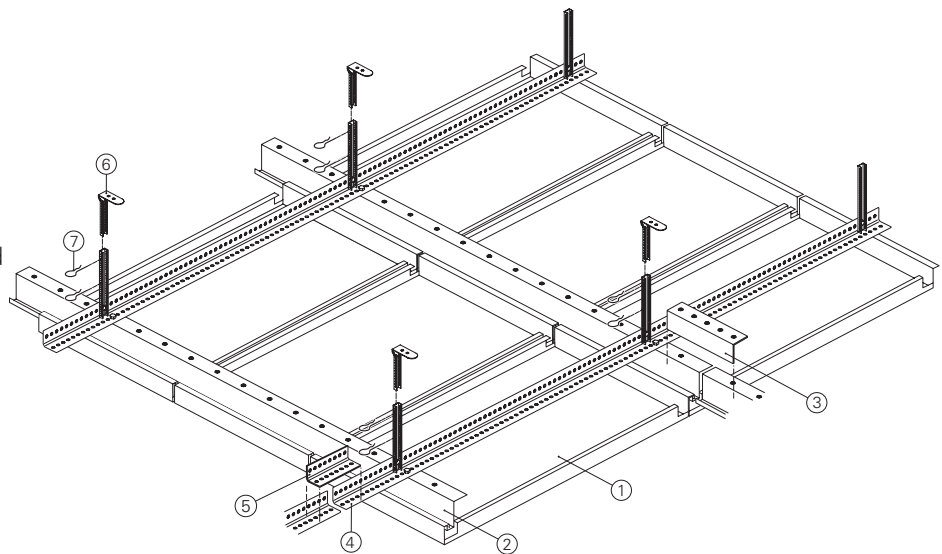
Planks - Beta Hook-On Continuous

PLANKS

The Beta Hook-On Continuous Planks are custom-made panels with all four sides folded upwards, with one side folded inwards twice and hooked into the Z-profile. The opposite side is folded out twice and hooks into the adjoining panel and the Z-profile.

SUSPENSION

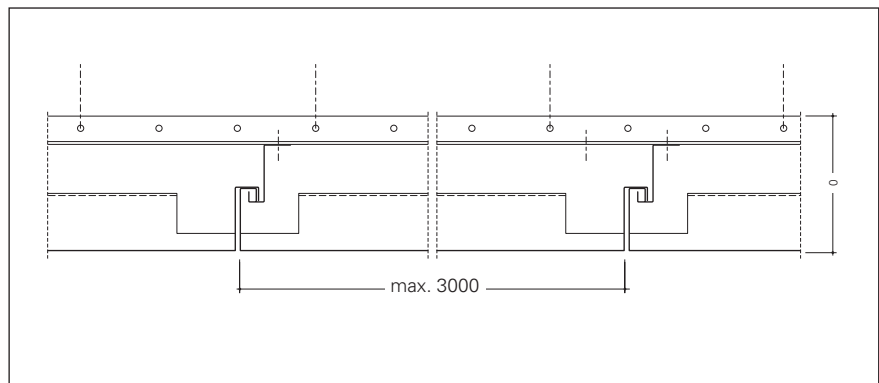
The Hunter Douglas Planks Hook-On Continuous system (Z-Profile) is composed of an invisible suspension with a primary construction consisting of L-shaped profiles and a secondary one of Z profiles that are screwed together. Assembly must be level and straight. The intermediate distance of the secondary support structure must be exactly coordinated so that the ceiling elements are stress-free in the system.



- 1 = Beta Hook-On plank
- 2 = Hook-On profile
- 3 = Hook-On profile splice
- 4 = Primary profile
- 5 = Primary profile splice
- 6 = Nonius hanger
- 7 = Locking clips

Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

CONSTRUCTION DETAILS



DIMENSIONS (MM)

Beta Hook-On Continuous				
Min. width	Max. width	Min. length	Max. length	Height
300	600	800	1200	30
300	600	1200	1600	40
300	600	1600	2400	50
600	1000	800	2000	50
300	500	800	3000	50

MATERIAL REQUIREMENT PER M²

Components	Unit	Based on panelsize 300 x 2400 mm
Plank Hook-On Continuous	pcs	1.39
Hook-On profile	lm	0.83
Hook-On profile splice	pcs	0.14
Primary angle profile	lm	0.83
Primary angle profile splice	pcs	0.35
Suspension	pcs	0.69

Planks - Beta Hook-On Safety Loop

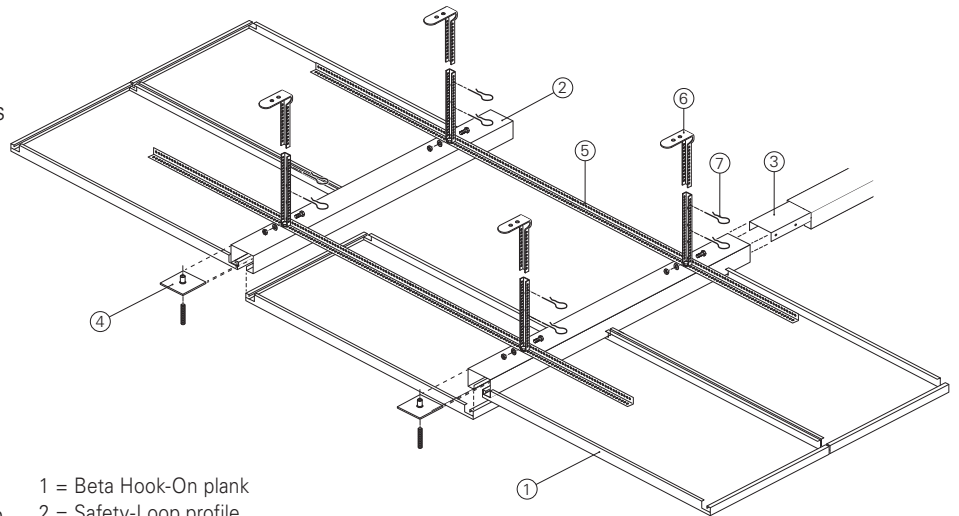
PLANKS

The Beta Hook-On Safety Loop Planks are panels (custom made) with all four sides folded upwards. Two parallel, sides are folded inwards 2 times and hung on the carrier profiles. The other two sides are folded inwards once so that the panels fit closely.

SUSPENSION

The locking plates prevent unauthorised removal of the panels and at the same time lock the panels in place to provide impact resistance. Each panel is individually demountable by unscrewing the locking plate with an hexagonal Allen key through the 15 mm joint between the panels. Once the panels are free they can be easily lifted from the hook-on profile.

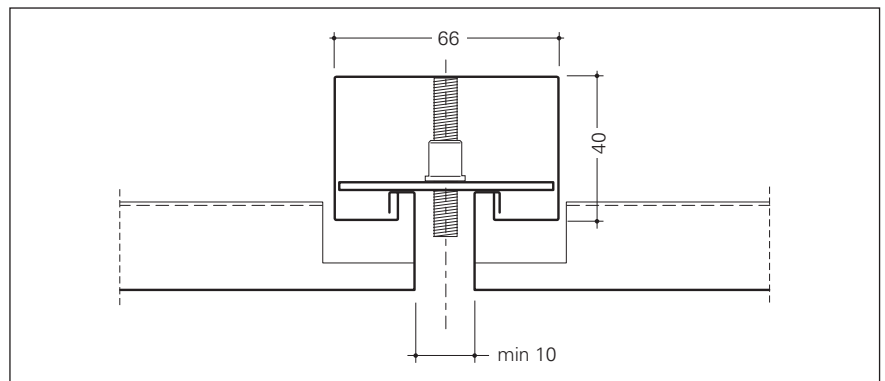
The Beta Hook-On Safety Loop ceiling system is available as Sports Hall Ceiling in dimension 900 x 1940 mm. Impact resistance Class 1A according EN 13964.



- 1 = Beta Hook-On plank
- 2 = Safety-Loop profile
- 3 = Safety-Loop profile splice
- 4 = Locking plate with screw
- 5 = Primary profile
- 6 = Nonius hanger
- 7 = Locking clips

Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

CONSTRUCTION DETAILS



DIMENSIONS (MM)

Beta Hook-On Safety Loop				
Min. width	Max. width	Min. length	Max. length	Height
300	600	800	1200	30
300	600	1200	1600	40
300	600	1600	2400	50
600	1000	800	2000	50
300	500	800	3000	50

MATERIAL REQUIREMENT PER M²

Components	Unit	Based on panelsize 300 x 2400 mm
Plank Hook-On Safety Loop	pcs	1.39
Safety loop profile	lm	0.42
Locking plate	pcs	2.77
Primary angle profile	lm	0.83
Primary angle profile splice	pcs	0.35
Suspension	pcs	0.69

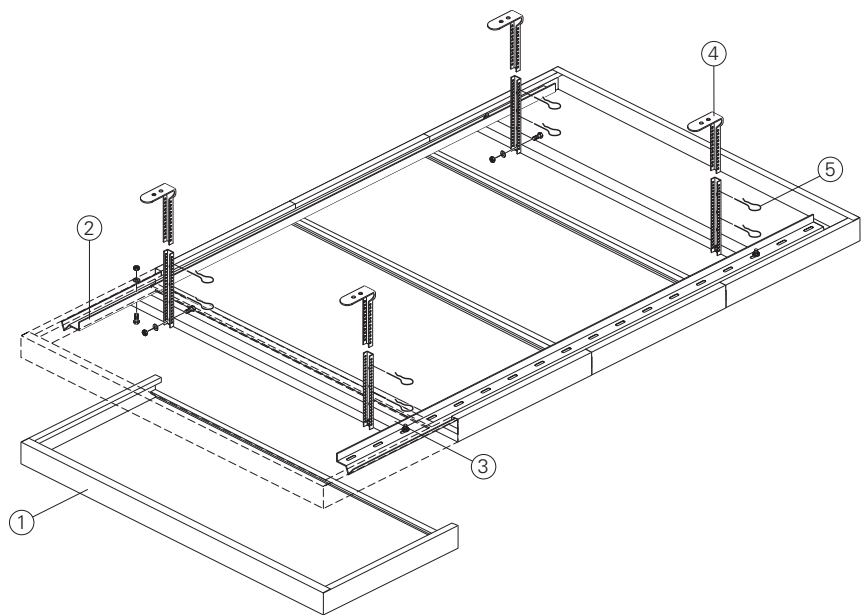
Planks - Beta Hook-On Isola

PLANKS

The Beta Hook-On Safety Isola Planks are panels (custom made) with all four sides folded upwards. Two parallel, sides are folded inwards 2 times and hung on the carrier profiles. The other two sides are folded inwards once so that the panels fit closely.

SUSPENSION

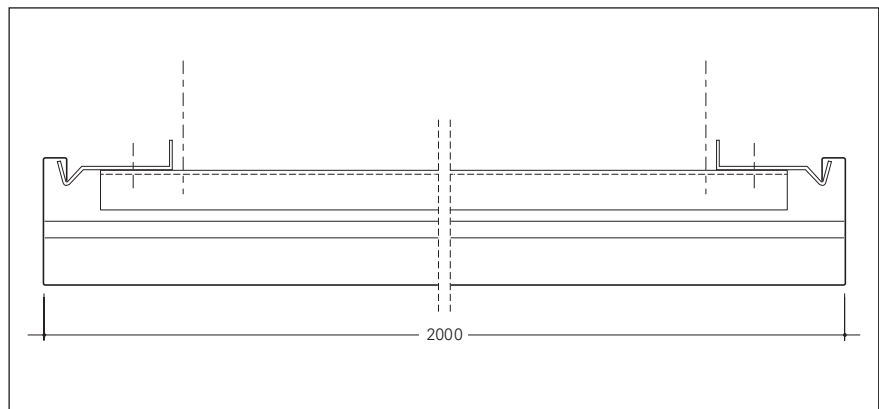
The Hunter Douglas Planks Hook-On Isola system (W-Profile) is composed of an invisible suspension with a primary construction consisting of L-shaped profiles and a secondary one of W profiles that are screwed together. Assembly must be level and straight. The intermediate distance of the secondary support structure must be exactly coordinated so that the ceiling elements are stress-free in the system and make perfect islands on the ceiling.



- 1 = Beta Isola plank
- 2 = Hook-On profile
- 3 = Primary profile
- 4 = Nonius hanger
- 5 = Locking clips

Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

CONSTRUCTION DETAILS



DIMENSIONS (MM)

Beta Hook-On Isola				
Min. width	Max. width	Min. length	Max. length	Height
300	600	800	2000	40

MATERIAL REQUIREMENT PER M²

Components	Unit	Based on panelsize 300 x 2400 mm
Plank Hook-On Isola	pcs	1.39
Hook-On profile	lm	0.83
Hook-On profile splice	pcs	0.28
Primary angle profile	lm	0.83
Suspension	pcs	0.69

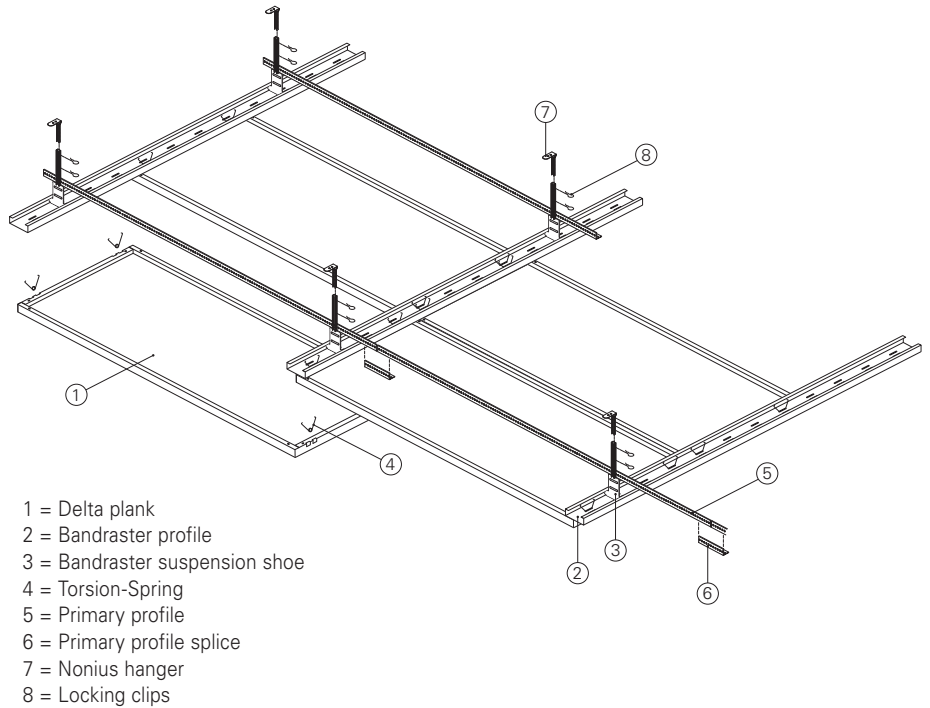
Planks - Delta Torsion Spring Continuous

PLANKS

The Delta Torsion Spring Continuous Planks are custom made panels with all four sides folded upwards and inwards which guarantees the solidity of the panel.

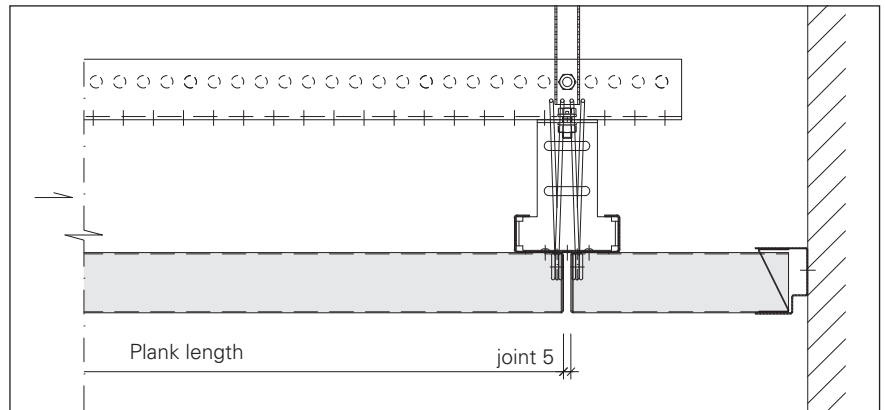
SUSPENSION

The Hunter Douglas Delta Planks Ceiling with Torsion-Spring system is composed of a lacquered carrier construction and metal ceiling elements (panels). The panels are hooked in the parallel mounted invisible bandrafter profiles with four torsion-springs. On 2 sides of the panels, recesses are made for the torsion springs with which the panel is attached to the bandrafter. The wall connection is made using an edge profile.



Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

CONSTRUCTION DETAILS



DIMENSIONS (MM)

Delta Torsion Spring Continuous					
Min. width	Max. width	Min. length	Max. length	Height	Springs
300	400	1000	2400	40	2
500	600	1000	2000	40	4
700	1000	1000	1500	40	4

MATERIAL REQUIREMENT PER M²

Components	Unit	Based on panelsize 300 x 2400 mm
Plank Hook-On Torsion Spring	pcs	1.39
Bandrafter profile	lm	0.42
Bandrafter profile splice	pcs	0.14
Bandrafter suspension shoe	pcs	0.35
Primary angle profile	lm	0.83
Primary angle profile splice	pcs	0.28
Suspension	pcs	0.69

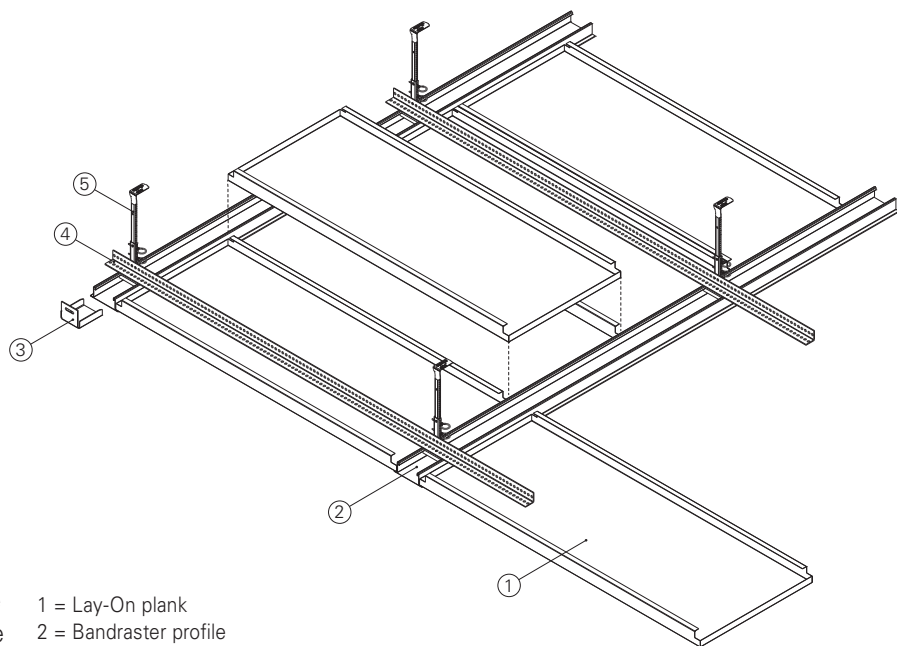
Planks - Gamma Lay-On

PLANKS

The Gamma Lay-On Planks are custom-made panels with all four sides folded upwards. The two long sides are also folded inwards. The short sides, folded only upwards, rest on the bandraster profiles. The panels are recyclable, lightweight and strong.

SUSPENSION

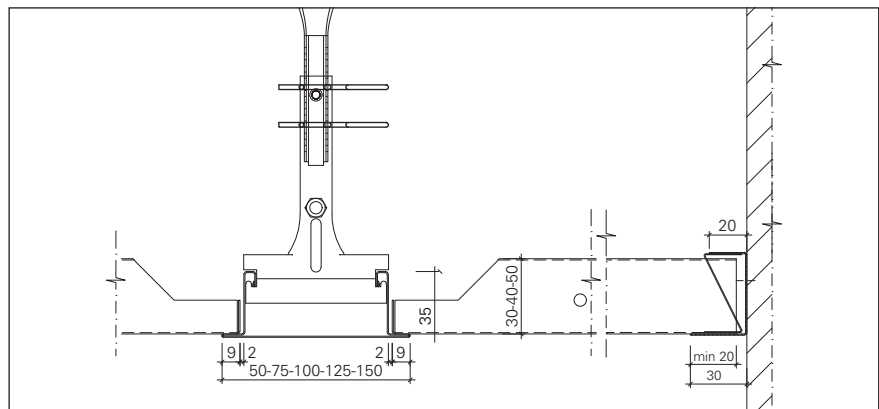
The Hunter Douglas Gamma Lay-On system is composed of a visible frame and ceiling panels. The custom-made panels are designed to be installed on conventional bandraster or on edge frames that are attached to the wall. The ceiling elements are easy to disassemble without tools, so that free access to the plenum is maintained.



- 1 = Lay-On plank
- 2 = Bandraster profile
- 3 = Wall bracket
- 4 = Primary profile
- 5 = Nonius hanger

Maximum spans primary and secondary grid 1200 mm
Maximum cantilevers 300 mm

CONSTRUCTION DETAILS



DIMENSIONS (MM)

Gamma Lay-On				
Min. width	Max. width	Min. length	Max. length	Height
300	600	800	1200	30
300	600	1200	1500	40
300	600	1600	2400	50

MATERIAL REQUIREMENT PER M²

Components	Unit	Based on panelsize 300 x 2400 mm
Plank Gamma Lay-On	pcs	1.39
Bandraster profile	lm	0.42
Bandraster profile splice	pcs	0.14
Suspension shoe	pcs	0.35
Primary angle profile	lm	0.83
Primary angle profile splice	pcs	0.28
Suspension	pcs	0.69

Acoustics / Perforations

ACOUSTIC PERFORMANCE

On order to improve interior sound control, the Hunter Douglas Tiles & Planks program can be delivered in five perforation patterns with an open area varying between 11% to 22%. These patterns are framed with a plain border of nominal 10 mm in order to assure maximum flatness and product stability. As a standard feature, perforated Tiles and Planks are supplied with a sound absorbing non-woven tissue, glued into the tile for enhanced acoustical performance.

SOUND ABSORPTION

- Curve 1

Type D1522

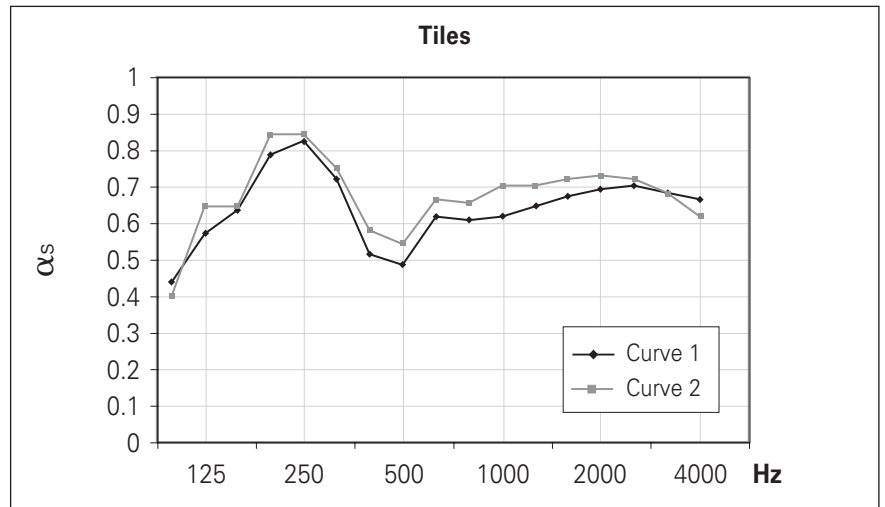
1.5 mm Ø perforated tiles with acoustic non woven, plenum depth 400 mm, open area 22%

- Curve 2

Type R2516

2.5 mm Ø perforated tiles with acoustic non woven, plenum depth 400 mm, open area 16%

ACOUSTIC PERFORMANCE



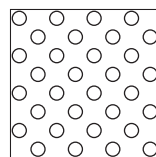
Freq. Hz.	125	250	500	1000	2000	4000	α _w	NRC
Curve 1	0.56	0.80	0.55	0.64	0.71	0.70	0.65	0.65
Curve 2	0.57	0.84	0.61	0.70	0.74	0.67	0.70	0.70

Tested by Peutz, test report no. A1818

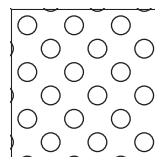
PERFORATION PATTERNS

* D1522: Not available in 0.5 mm aluminium.

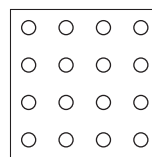
Note: Perforated products have a nominal plain border of 10 mm.



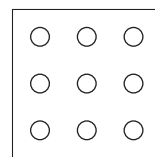
D1522*
Ø 1.5 mm
↕ 4 ↔ 4
Openness 22%



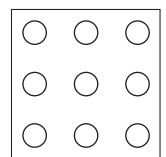
D2022
Ø 2 mm
↕ 5 ↔ 5
Openness 22%



R1511
Ø 1.5 mm
↕ 4 ↔ 4
Openness 11%

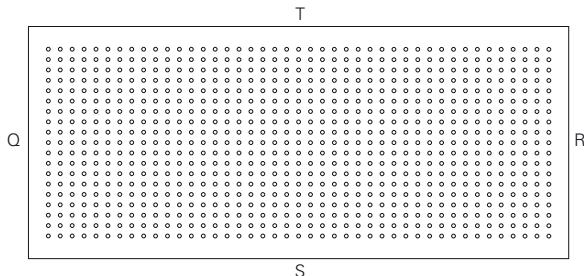


R2011
Ø 2 mm
↕ 5 ↔ 5
Openness 11%

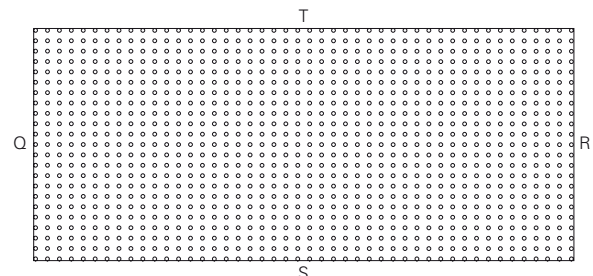


R2516
Ø 2.5 mm
↕ 5.5 ↔ 5.5
Openness 16%

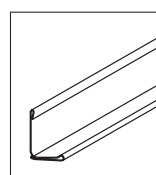
UNPERFORATED EDGE (STANDARD)



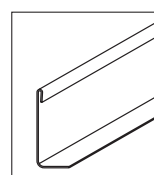
FULL PERFO (ON REQUEST)



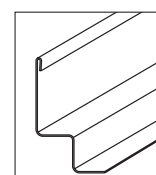
EDGE PROFILES



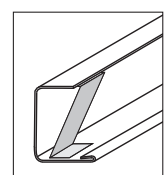
Wall L-profile
Alu 0.5 mm
(29.2 x 19.4)



Wall L-profile
Fe/Alu 0.8 mm
(45 x 18.5)



Wall W-profile
Fe/Alu 0.8 mm
(45 x 21 x 21 x 18.5)



Wall U-profile + Z-spring
Fe/Alu 0.8 mm
(34 x 30)

Material specifications

- FIRE BEHAVIOUR

Metal Suspended Ceilings from Hunter Douglas are classified incombustible and will therefore not contribute to possible fires. When ceilings however need to protect the structural integrity of the building, HunterDouglas® Ceilings offer a range of practical and tested solutions with regards to fire resistance and fire stability. Further information is available on request.

- BASE MATERIAL

Lay-On, Lay-In and Clip-In Tiles from Hunter Douglas are available in aluminium or steel with high industrial standards and are 100% recyclable.

- POWDER COATING

The tough and durable polyester powdercoating finish in a minimal thickness of 60 microns, is electrostatically applied ensuring uniform coating thickness, absolute adhesion, maximum resistance to abrasion.

- COIL COATING

Because HunterDouglas® coatings are applied before perforation and bending process, exposed edges are not protected. Standard gloss rate is 15 - 20% at 60° angle of incidence.

- COLOUR RANGE

The standard colour is white. Any other RAL or NCS colour is available on request.

- STANDARD COLOUR RANGE

RAL 9010 powder coated

RAL 9003 coil coated



Project : Toei Oedo Line Nakai station
Location: Japan
Product : Clip-In Tiles

HUNTER DOUGLAS ARCHITECTURAL

In the last 60 years, we have been fortunate enough to help turn countless innovative ideas into products for innovative buildings. With major operation centres in Europe, North America, Latin America, Asia and Australia we contribute to thousands of high-profile projects including shopping centres, airports, government offices, hospitals, universities and offices.



▲ CEILINGS



▲ WALLS



▲ SUN LOUVRES



▲ FAÇADES

ARCHITECTURAL SERVICES

We support our business partners with a wide range of technical consulting and support services for architects, developers, and installers. We assist architects and developers with recommendations regarding materials, shapes and dimensions, colours and finishes.

We also help creating design proposals, visualisations, and installation drawings. Our services to installers range from providing detailed installation drawings and instructions to training installers and advising on the building site.

Designed to work for you



Hunter Douglas adopts the cradle to cradle (C2C) product philosophy to the design of products that fit the circular paradigm. They are designed for longevity, using materially healthy technical nutrients that can be reused at end of life as a high-quality source for something new.

Cradle to Cradle Certified™ is a certification mark licensed by the Cradle to Cradle Products Innovation Institute.



Hunter Douglas products and solutions are designed to improve indoor environmental quality and conserve energy, supporting built environments that are comfortable, healthy, productive, and sustainable.



As member of TAIM we are obliged to audit our production plant to the requirements of the TAIM certification scheme. Proof of a positive conclusion is the annually issued TAIM Certificate.



All aluminium products are 100% recyclable at the end of their lifecycle.



All steel products are 100% recyclable at the end of their lifecycle.

Learn More

- Contact our Sales office
- www.hunterdouglasarchitectural.eu

ASIA | AUSTRALIA | LATIN AMERICA | NORTH AMERICA

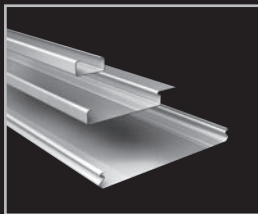
Austria
Belgium
Bulgaria
Croatia / Slovenia
Czech Republic
Denmark
France

Germany
Greece
Hungary
Israel
Italy
The Netherlands
Norway

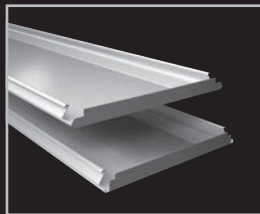
Poland
Portugal
Romania
Russia
Serbia
Slovakia
Spain

Sweden
Switzerland
Turkey
United Kingdom
South Africa
Middle East

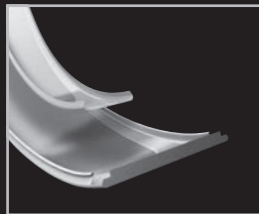
LINEAR



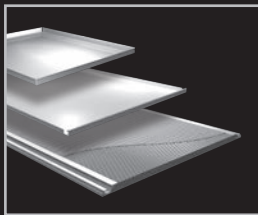
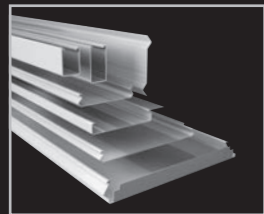
WIDE PANEL



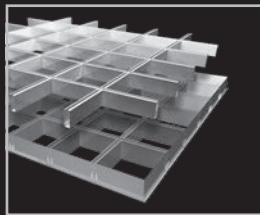
CURVED



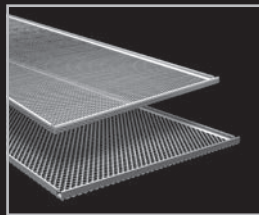
EXTERIOR



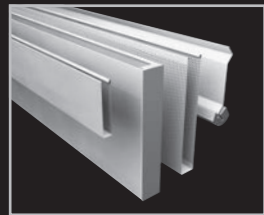
TILES | PLANKS | XLnt



CELL



STRETCH METAL



METAL BAFFLES

HUNTER DOUGLAS ARCHITECTURAL UNITED KINGDOM

Suite 2, Newton House, Northampton Science Park
Kings Park Road, Moulton Park Industrial Estate
Northampton, NN3 6LG
Tel: +44 (0)1604 648 229
info@hunterdouglas.co.uk
www.hunterdouglas.co.uk