FOCUS ON LINE WITH YOUR STYLE



Linear Ceiling systems

Endless possibilities to create structure and chaos

Project : Food Market, Romania Product : 84R Curved Metal Ceiling system Architect: nn

Structure and chaos

With our Linear Ceiling systems you can create either structure or chaos by using just the most well-known and honest ceiling system ever made. From 30 up to 300 mm and another 8 widths in between there are endless possibilities to design your own style.

Our Linear Ceiling systems highlight versatility, allowing a variety of visual effects, including radial and diagonal patterns and curves. You can choose from standard available colours, including 5 wood patterns or make up your own custom colours and mix and match different widths and heights to create the perfect look.





The benefits of a Linear Ceiling system

Visual and acoustic comfort in one versatile Ceiling System.

- Endless design options
- Can be customised to your needs
- Open space for integrated technology
- Easy installation with standard carriers
- Compliant with all safety regulations

Design options

Our Linear Ceiling systems are available in a wide range of materials, colours and designs, including wood décor and steel. Straight, meandering or undulating shapes can be produced to create character and atmosphere in a wide range of interior spaces.

The Hunter Douglas Linear Ceiling systems ensures a perfect linear appearance with excellent acoustic performance. Our Linear Ceilings are particularly suitable for use in areas where acoustic performance is critical such as schools, libraries, shopping malls, indoor sporting arena, public lounges and transport hubs.

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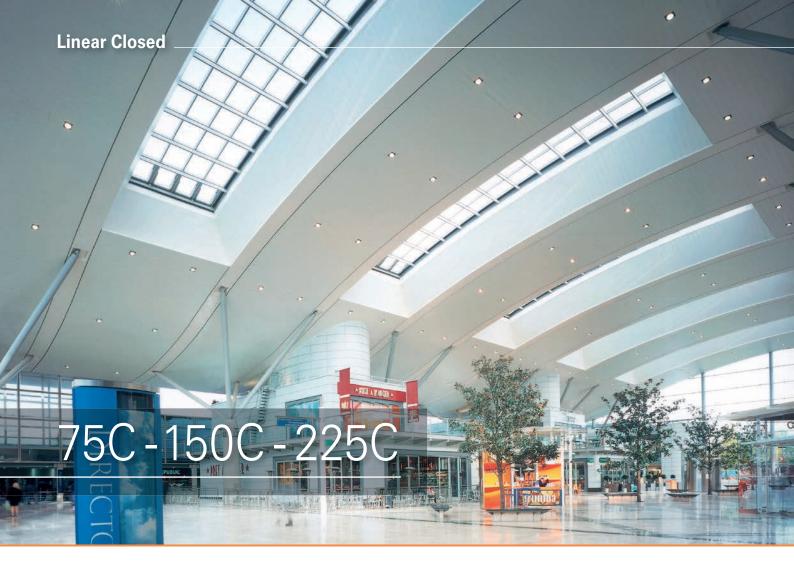




Cover : Groninger Forum, The Netherlands Product : 30BD Linear Ceiling system

Designed to work for you

3



Create subtle patterns for a closed smooth ceiling

Hunter Douglas Closed Linear panels put less emphasis on the direction of the panels, an important aspect when a designer is looking to achieve a closed smooth ceiling. Three different widths in a uni design or combined with each other, create subtle patterns that can produce a stunning finish to any ceilings appearance.



System composition

HunterDouglas® 75C-150C-225C Linear Ceiling system

Left : Midsummer place shopping centre, Milton Keynes, United Kingdom Product: 150C Linear Curved Carrier Ceiling system Photo : Greig Stephenson GMW London

Dimensions & Colours

The panels with widths of 75, 150 and 225 mm can be fixed to a universal carrier, all the same or mixed. The panels are available in length from 800 to 6000 mm and are joined together using a panel splice whilst the carriers use the standard carrier connector. Adaptor panels are locked by the adaptor clip.

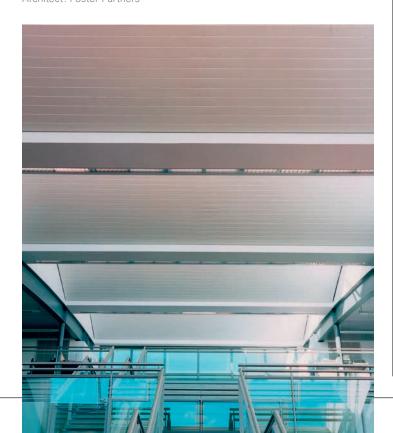
A wide range of finishes are available including wood décor (75C) or on request in any desired RAL colour (min. quantities apply). See our colour card and availability chart on the website for standard available colours.

Design elements

Linear panels provide interesting possibilities for directional room designing. Our ceiling systems highlight versatility, allowing a variety of visual effects, including radial and diagonal patterns.

The Linear 75C - 150C - 225C ceiling system from Hunter Douglas provide the architect and designer with an opportunity to create a closed smooth ceiling.

Below : Sir Robert Gorden university, Aberdeen, United Kingdom Product : 150C Linear Ceiling system Architect: Foster Partners



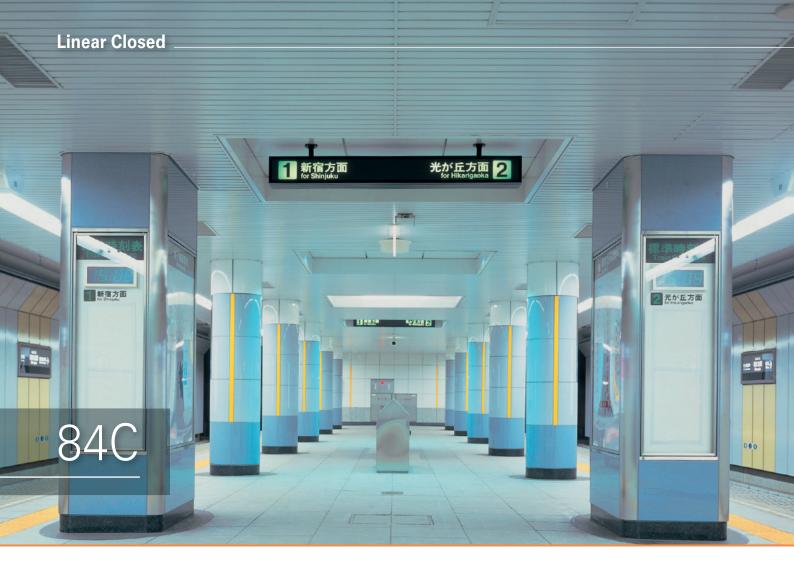


Above : Dodoens Hospital, Mechelen , Belgium Product : 225C Linear Ceiling system Architect: Luyten Lens

Key features

75C-150C-225C LINEAR CLOSED CEILING PANELS

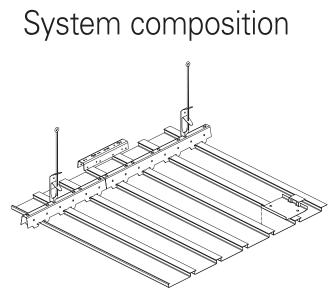
- Panel widths: 75 mm, 150 mm and 225 mm
- Panel length: 800 mm up to 6000 mm
- Panel depth 15 mm
- Bevelled edge design
- Interior and exterior applications
- On site waste reduction with factory fabricated dimensional material
- Easy plenum acces
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services.



A ceiling with stylish linear patterns

The HunterDouglas[®] 84C recessed joint aluminum panels can be specified to emphasize the direction of the panels. This easy to install closed ceiling system allows the architect to create stylish linear patterns with a sturdy caracter. The panels can also include a closed flange with slot perforation for better ventilation and combined with modern and functional lighting.





HunterDouglas® 84C Linear Ceiling system

HunterDouglas

Architectural

Left : Toei Oedo Line ShinEkoda Station, Tokyo, Japan Product : 84C Linear Metal Ceiling Architect: Tokyo Metropolitan Government Bureau of Transportation

Dimensions & Colours

The 84C closed ceiling system consists of box shaped panels, that can be easily clipped onto a carrier system.

The 84 mm wide panels feature a 24 mm wide flange that closes-off the 16 mm joint between the panels. The system module is 100 mm. Panels are demountable for easy access to the plenum.

See our colour card and availability chart on the website for standard available colours.

Application

The 84C Closed aluminium ceiling panel is suitable for all building sectors including Corporate, Transport (airports, metro, bus and train stations), Retail, Leisure, Public space, Hospitality, Healthcare, Education and Residential.

Key features

84C LINEAR CLOSED CEILING PANELS

- Panel width 84 mm, joint 16 mm
- Panel length: 800 mm up to 6000 mm
- Panel depth 12.5 mm
- Optimum acoustic control using perforated panels with a non-woven textile
- Interior and exterior applications
- On site waste reduction with factory fabricated dimensional material
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services.



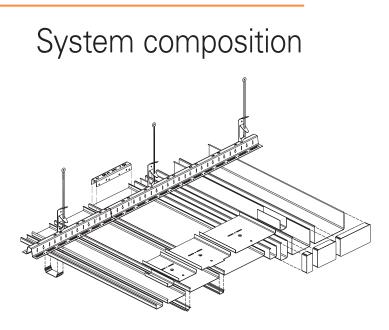
Below: Toei Oedo Line ShinEkoda Station, Tokyo, JapanProduct: 84C Linear Metal CeilingArchitect: Tokyo Metropolitan Government
Bureau of Transportation



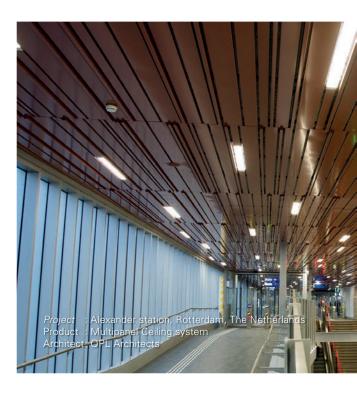
Multipanel

Combine and create excitement

Mix and match the diverse B, BD and the BXD ceiling panels by combining varying widths and hights. Control acoustics with the perforated panels and create an improved interior ambience. Save installation time because all 8 different panels can be combined on one carrier system. A key feature of this system is the unlimited combinations that can be achieved by varying depths and widths. This gives architects the freedom to design a ceiling with the excitement they are aiming for.



HunterDouglas® Multipanel Ceiling system





Left : Leaseplan Branch Office, Milano, Italy Product : Multipanel Ceiling system Architect: Progetto CMR

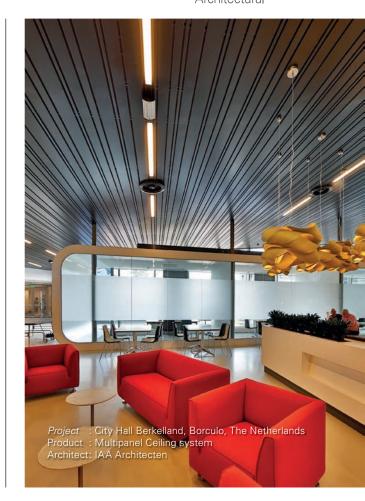
Dimensions & Colours

The BXD Ceiling panels (height 64 mm) are available in three widths: 30, 80 and 130 mm which can be used in combination with the B panels (height 15 mm), and BD panels (height 39 mm) from the Hunter Douglas Multi-Panel ceiling program. This unique pairing of ceiling solutions makes it possible to create highly functional and beautifully engineered three-dimensional designs.

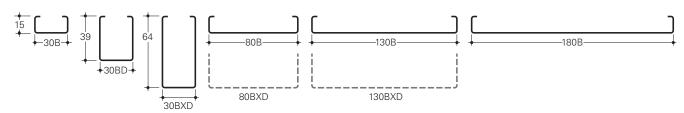
The wide choice of colours available make it possible to create virtually any ceiling design you can imagine. See our colour card and availability chart on the website for standard available colours.

Design elements

The 20 mm joints can be left open or closed with a V-shaped or U-shaped joint profile.



Dimensions Multipanel panels

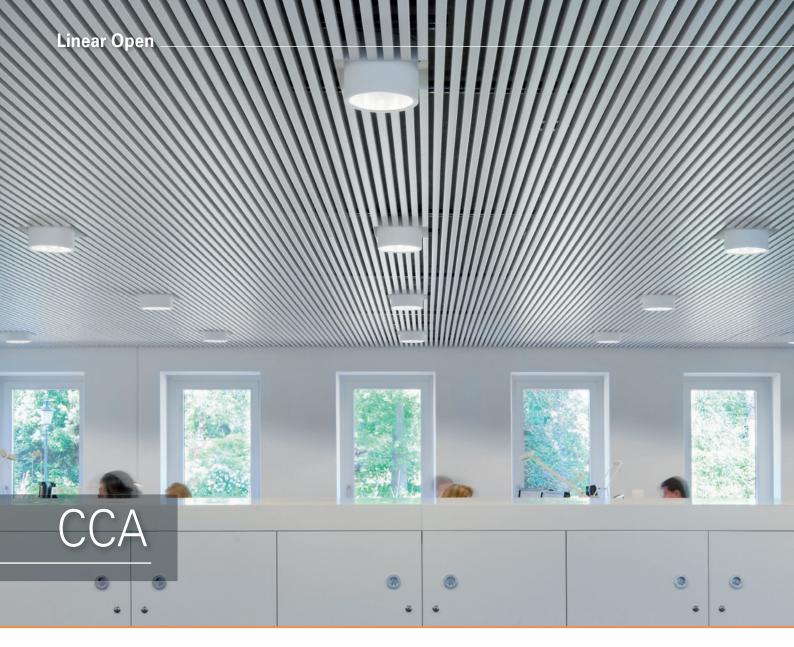




Key features

LINEAR OPEN MULTIPANEL CEILING

- Panel widths: 30 mm, 80 mm, 130 mm and 180 mm, joint width 20 mm
- Panel length: 800 mm up to 6000 mm
- Panel depths: 15 mm, 39 mm, 64 mm
- Curved carrier application available
- On site waste reduction with factory fabricated dimensional material
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services

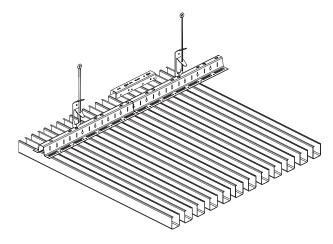


Enhance comfort with Concrete Core Activation (CCA)

The excellent thermal exchange and acoustic performance of the Luxalon[®] Linear Open CCA Ceiling system provides 100% acoustic ceiling coverage. This acoustic ceiling creates outstanding comfort and temperature control at levels that cannot be achieved with islands or baffle systems.







Luxalon® CCA 30BD Linear Ceiling system

Left : Waterschap Brabantse Delta, Breda, The Netherlands Product : CCA 30BD Linear Ceiling system Architect: Claus en Kaan Architecten Rotterdam

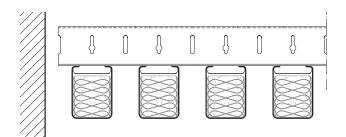
Dimensions & Colours

The CCA panels come in two heights: 39 and 64 mm which are also used in the Hunter Douglas Multi-Panel ceiling program. As a special there is a 60 mm module carrier available with an open joint width of 30 mm to enhance the thermal performance of the CCA panel system.

A standard range of finishes is available, also in steel, or on request in any desired RAL or custom colour. See our colour card and availability chart on the website for standard available colours.

Design elements

This unique paring of ceiling solutions makes it possible to create highly functional and beautifully engineered threedimensional designs. The 20 mm joints are left open for an optimum thermal exchange with the concrete slab above.



Thermal activation

CCA reaches maximum efficiency if there is no barrier between the concrete structure and the underlying spaces. Independent climate chamber tests have shown that the aluminium used in Luxalon® CCA Acoustic+ 30BD and 30BXD panels and carriers is highly suited for cooling and heating as it functions as a thermal conductor. In combination with the relative openness of this ceiling system (50% openness with complete ceiling coverage), very positive results can be obtained.

Thermal capacity

Complete ceiling coverage results in a thermal capacity reduction of only 23% when compared to a bare CCA ceiling. During winter the reduction in the thermal capacity compared to a bare CCA ceiling is 6%, based on complete ceiling coverage.

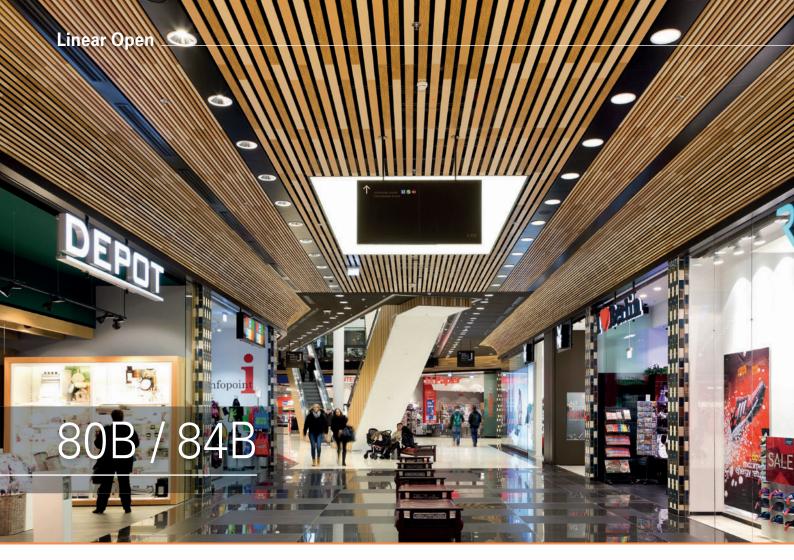


Above : Waterschap Brabantse Delta, Breda, The Netherlands Product : CCA 30BD Linear Ceiling system Architect: Claus en Kaan Architecten Rotterdam

Key features

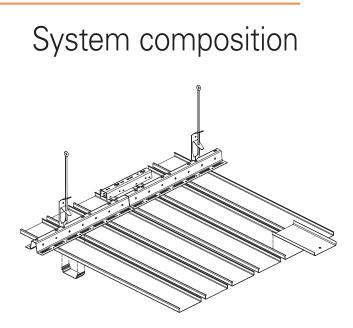
CCA 30BD-30BXD LINEAR OPEN CEILING

- Panel width: 30 mm, joint width 20 mm (standard) or 30 mm (CCA)
- Panel length: 800 mm up to 6000 mm
- Panel depths: 39 mm (BD) and 64 mm (30BXD)
- Carrier modules: 50 mm (standard) and 60 mm for enhanced heat exchange in CCA application
- On site waste reduction with factory fabricated dimensional material
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services



A ceiling with character

The 80B/84B Linear Open Metal Ceiling system consists of box shaped panels which can be easily clipped onto a carrier. Known for its straight lines, versatility, and ease of installation, the 80B/84B linear open ceiling system creates a linear appearance providing a directional effect to a rooms interior. Panels are demountable for ease of access to the plenum.



HunterDouglas® 80B/84B Linear Ceiling system



HunterDouglas 🛟

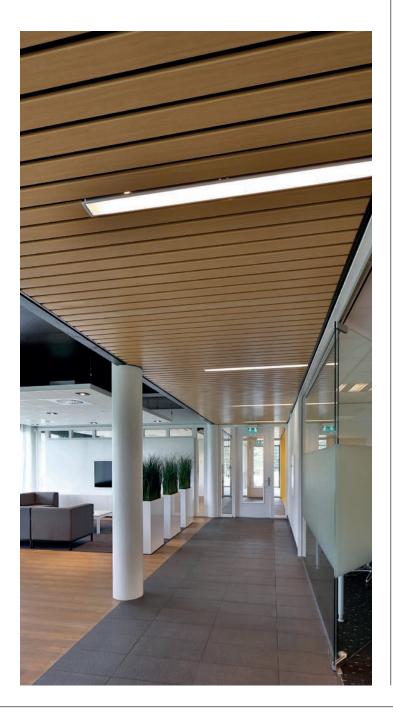
Architectural

Left : EKZ Mall, Liepziger Platz, Berlin, Germany Product : 30BD and 80B Linear Metal Ceiling system Architect: ARGE LP12

Dimensions & Colours

The 80B panels are 80 mm wide, 15 mm in height and have a 20 mm open joint between the panels. The 84B panels are 84 mm wide, 12.5 mm in height and have a 16 mm open joint. The 80B/84B panels can easily clipped on the 100 mm module carrier.

This metal ceiling is available in a variety of colours and finishes with perforation patterns for enhanced acoustic performance. See our colour card and availability chart on the website for standard available colours.





Application

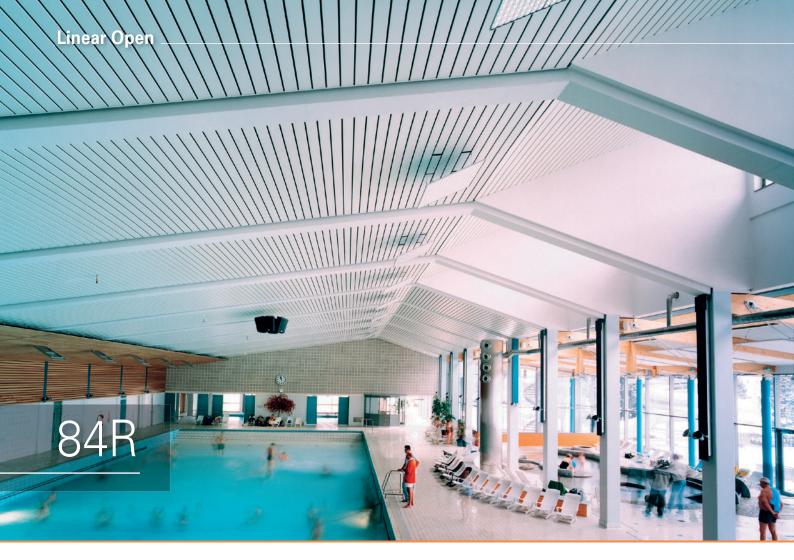
The 80B/84B linear open metal ceiling system is suitable for all building sectors including Corporate, Transport (airports, metro, bus and train stations), Retail, Leisure, Public space, Hospitality, Healthcare, Education and Residential.

Key features

80B/84B LINEAR CLOSED CEILING PANELS

- Panel width 80 mm, joint 20 mm (80B Panel width 84 mm, joint 16 mm (84B
- Panel length: 800 mm up to 6000 mm
- Panel depth 15 mm (80B), 12.5 mm (84B)
- Optimum acoustic control using perforated panels with a non-woven textile
- Interior and exterior applications
- On site waste reduction with factory fabricated dimensional material
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services.

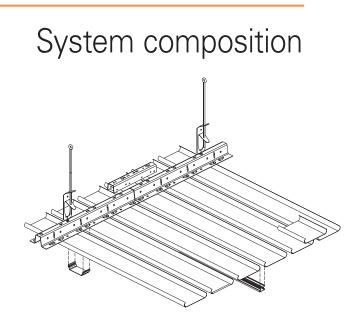
Left : Vitesse Trainingscomplex Papendal, Arnhem, The Netherlands Product : 80B Linear Metal Ceiling system



Compose aesthetics with rounded linear fluid lines

Known for its fluid lines, versatility, and easy installation, The 84R Linear Open Ceiling system creates a rounded linear aesthetic. Slender rounded panels with 16 mm wide open joints enhance the linear appearance of the ceiling, providing a directional effect to a room. For a smoother appearance the joints can be closed with a join profile that is flush with the face of the panel.





HunterDouglas® 84R Linear Ceiling system

HunterDouglas 🛟

Architectural

Left : Swimming pool Product : 84R Linear Metal Ceiling

Dimensions & Colours

The 84R linear open ceiling system consists of round shaped panels which can be easily clipped onto a carrier. The 84 mm wide panels have a 16 mm open joint between the panels. The system module is 100 mm. Panels are demountable for easy access to the plenum.

A wide range of finishes are available including wood décor or on request in any desired RAL colour. See our colour card and availability chart on the website for standard available colours.

Application

The 84R open panel interior metal ceiling is suitable for all building sectors including Corporate, Transport (airports, metro, bus and train stations), Retail, Leisure, Public space, Hospitality, Healthcare, Education and Residential environments.

Key features

84R LINEAR OPEN CEILING PANELS

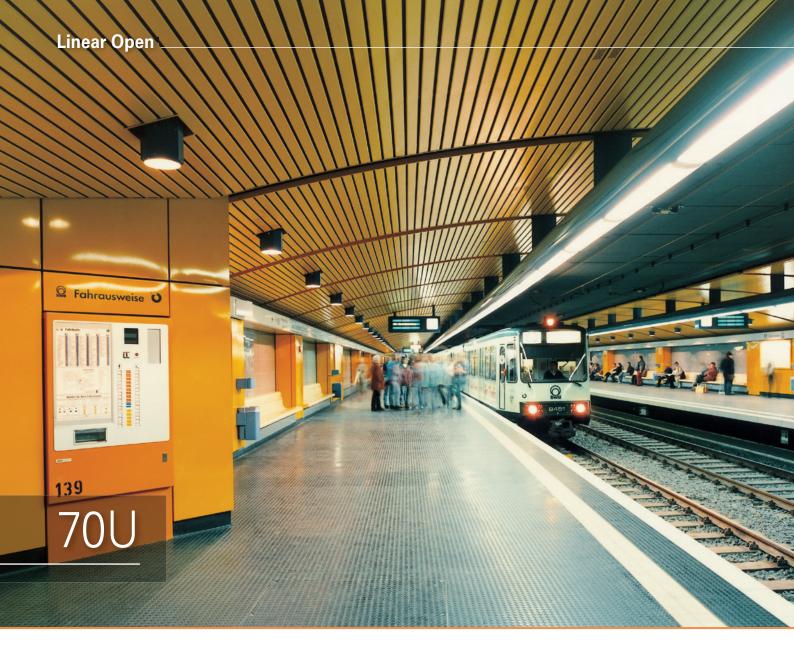
- Panel width 84 mm, joint 16 mm
- Panel length: 800 mm up to 6000 mm
- Panel depth 15 mm
- Round edges design
- Curved panel application available
- Curved carrier application available
- On site waste reduction with factory fabricated dimensional material
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services.



Below : National Aerospace Laboratory, Marknesse, The Netherlands Product : 84R Linear Metal Ceiling Architect: Inbo Architecten



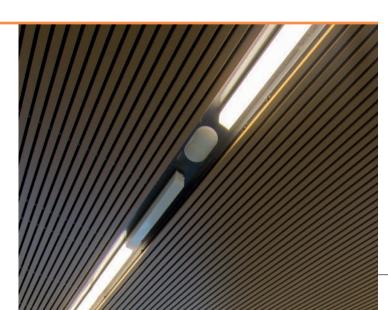


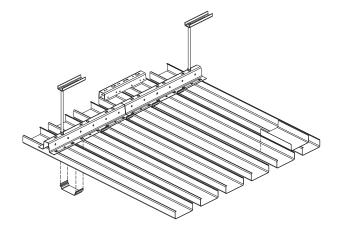


Where robustness and elegance come together

The 70U Linear Open Ceiling system is designed for those applications that require a more robust and stronger panel. Aluminium panels in combination with aluminium carriers make the system suitable for swimming pools and exterior applications. Steel carriers and steel panels are purpose designed for sports hall applications.







Luxalon® 70U Linear Ceiling system

HunterDouglas

Architectural

Left: Metrostations, Bonn, GermanyProduct: 70U Linear Ceiling system (Curved Carrier)

Dimensions & Colours

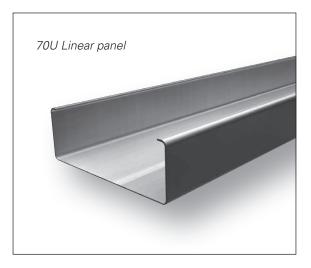
The 70U Linear Open Ceiling system consists of robust 70 mm wide (25 mm high) box shaped panels from steel or aluminium which are easily clipped onto the 70U carrier and create 30 mm wide, open joints. A standard range of finishes is available, also in steel, or on request in any desired RAL or custom colour (depending on quantity).

Application

The Open 70U Ceiling System is suitable for a range of building sectors including Transport (airports, metro, bus and train stations), Leisure, and Education environments.



Above : Swimming Pool Steinerbos, Stein, The Netherlands Product : 70U Linear Ceiling system Architect: Op 't Root en Beerts Architecten



Key features

70U LINEAR OPEN CEILING PANELS

- Panel width: 70 mm, joint width 30 mm
- Panel length: 800 mm up to 6000 mm
- Panel depth 25 mm
- Square edge design
- Curved carrier application available
- Tested on ball impact resistance
- On site waste reduction with factory fabricated dimensional material
- Easy plenum access
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services.

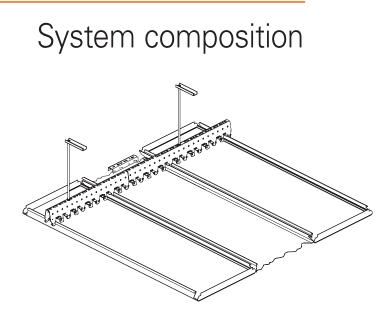




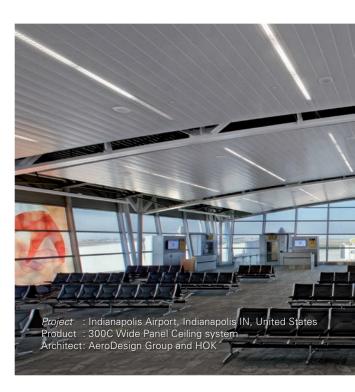


Bring distinctive prominence to the ceiling

Our 300 mm wide ceiling panels establishes distinction in your project. The robust look of the 300C/300L Wide Panel Ceiling fits perfectly in large open spaces with a high level of noise. With two joint options and a variety of perforations for acoustic performance, our wide panels trim costs without trimming style.



HunterDouglas® 300C/300L Wide Panel Ceiling system



HunterDouglas

Left : Ahoy, Rotterdam, The Netherlands Product : 300C Wide Panel Ceiling system Architect: AeroDesign Group and HOK

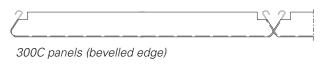
Dimensions & Colours

The 300C/300L Ceiling panels (height 29 mm) with a width of 300 wide mm have a lengths up to 6 m, requiring fewer panels and joints to reduce installation cost. One of the 4 standard support systems can be chosen to fit project requirements.

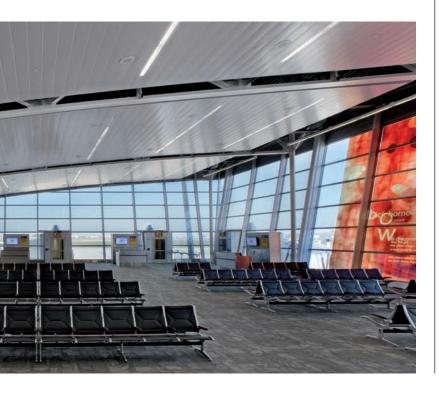
The wide choice of colours available make it possible to create virtually any ceiling design you can imagine. See our colour card and availability chart on the website for standard available colours.

Application

With excellent sound control properties, 300C/300L panels turn loud environments into spaces with a comfortable acoustic ambiance. 300C/ 300L Wide Ceiling Panels are suitable for all building sectors. These include corporate, transport (airports, metro, bus & train stations), retail, leisure, public space, hospitality, healthcare, education & residential environments.



300L panels (straight edge)





Above : Radboud Hospital, Nijmegen, The Netherlands Product : 300C Wide Panel Ceiling system Architect: EGM Architecten

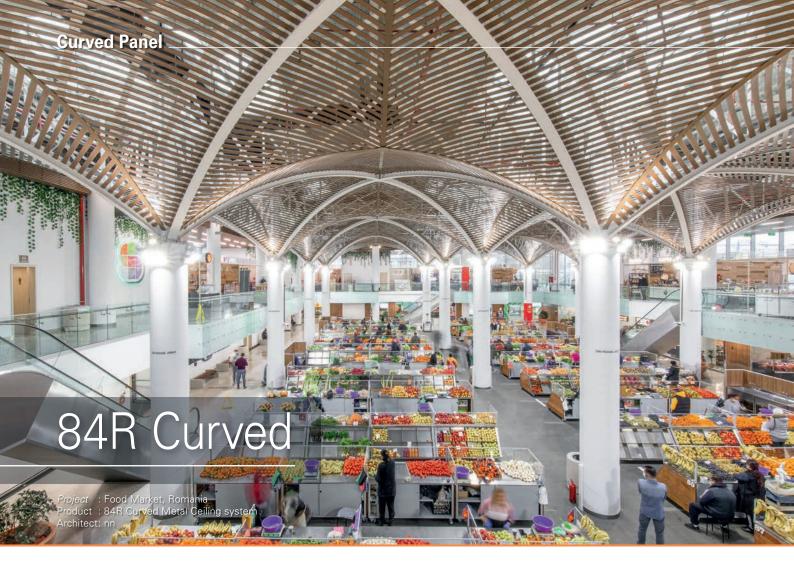


Above : Sporting Lissabon stadium, Lissabon, Portugal Product : 300L Wide Panel Ceiling system Architect: Tomas Taveira

Key features

WIDE PANEL CEILING

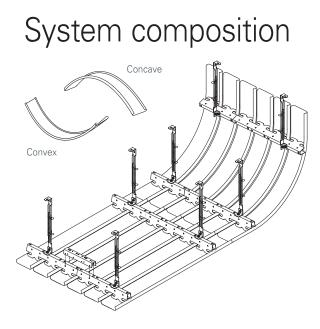
- Panel width: 300 mm
- Panel length: 1000 6000 mm
- Bevel-edge design and square edge design
- On site waste reduction with factory fabricated dimensional material
- Easy plenum access
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services.



'Lets twist and curve...' your ceiling

Luxalon[®] Curved Ceilings from Hunter Douglas add a twist to the traditional. Imagine concave, convex, and undulating forms that tempt a look upwards. Create soft curves, up to 90 degrees, and sculpted shapes with Luxalon[®] Curved Ceilings. The Luxalon[®] Curved Carrier system helps to transform standard flat panels into dynamic ceiling designs (see page 22).





HunterDouglas® 84R Curved Panel Ceiling system (Convex)

3006 Curved

Brussels Airport Connector, Zaventem, Belgium

Design elements

Project

Product : 300C Curved Architect: Joint Venture CTHM

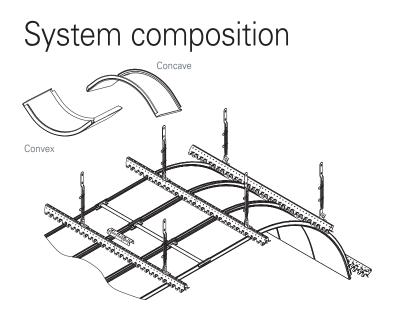
Luxalon[®] Curved Ceilings are the perfect way to create arches and multilevel designs. The curve doesn't need to stop at the ceiling. Luxalon[®] Curved ceilings can partially - or completely - clad surrounding walls.

With excellent acoustic properties and a variety of colours, finishes and curved options, these panels make it possible to create virtually any ceiling design you can imagine.

Key features

84R AND 300C CURVED CEILING

- Panel width: 84 mm (84R), 300 mm (300C
- Joint width 16 mm (84R) and 0 mm (300C)
- Panel length: 1000 6000 mm
- Minimum radius for all shapes 1000 mm
- Panels in concave, convex or S-shape
- Curved carrier with straight panels (see page 22)
- On site waste reduction with factory fabricated dimensional material
- Interior and exterior applications
- Compatible with industry standard lighting, HVAC, speaker, fire safety, and security services



HunterDouglas® 300C Curved Panel Ceiling system (Concave)



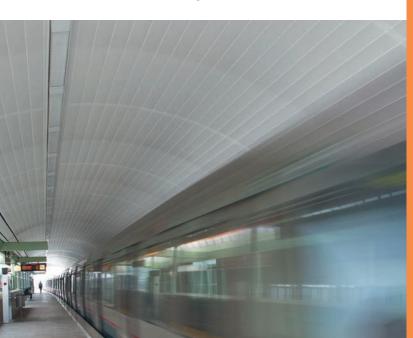
Curved Carrier

Above : Fitness center World Class, Moscow, Russia Product : 80B (Multipanel) Ceiling system (Curved Carrier) Architect : PRIDEX

Consider a different and dramatic design

With Hunter Douglas Curved Carrier you can create curved shaped ceilings with straight panels. This design is possible when you use the Multi Panel system and the panel systems 84B, 84R, 70U and 300C.

Below : Underground Station, Rotterdam, The Netherlands Product : 300C Wide Panel Ceiling (Curved Carrier)



Physical data

- Substrate: Steel or Aluminium
- Weight: Varies 1.7 5.3 kg/m²
- Light reflectance (LR) Coefficient:
- Varies with finish
- RAL9010: LR = 0.8
- Acoustic ratings: $lpha_{\sf W}$ 0.35 0.95 (H)

BIM

• REVIT files available, see website for details.

Fire classification

 Metal ceilings from Hunter Douglas are fully tested for reaction to fire according to EN 13501-1. More information is available on request.

Leed v4 credits

- MR: Building Product Disclosure
- EQ : Low-Emitting Materials
- EQ : Indoor Air Quality Assessment
- EQ : Acoustic Performance

Certifications

- TAIM QS
- French VOC Regulation: Class A
- C2C bronze

For more information visit our website: www.hunterdouglas.co.uk

HunterDouglas 🛟 Architectural

HunterDouglas Architectural

Designed to work for you

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



▲ SUN LOUVRES



▲ WALLS



▲ 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.



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.



Printed on EU Ecolabel certified paper



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.



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



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

More information

Contact our **Project Support** for further help and advice on the design possibilities our applications can create.

Call us: **+44 (0)1604 648 229**

Send us an e-mail: info@hunterdouglas.co.uk

Visit our website: www.hunterdouglas.co.uk

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ASIA | AUSTRALIA | LATIN AMERICA | NORTH AMERICA

Austria Belgium Bulgaria Croatia / Slovenia Czech Republic Denmark France Germany Greece Hungary Israel Italy The Netherlands Norway

WALLS

Poland Portugal Romania Russia Serbia Slovakia Spain



FAÇADES

Sweden

Turkey

Switzerland

South Africa

Middle East

United Kingdom



CEILINGS





HUNTER DOUGLAS ARCHITECTURAL UNITED KINGDOM

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