

HunterDouglas

CEILINGS

HunterDouglas Ceiling Systems Innovative Products Make Innovative Projects

It's an exciting time to be an architect. New methods, new materials and new designs have emerged that were not feasible as little as two decades ago.

Throughout the world, Hunter Douglas is helping bring original ideas off the drawing board and into reality. We're working alongside the architecture and design community, creating some of the world's most recognizable buildings.

We know how much work goes into each project. That's why we've dedicated ourselves to the idea that for architects and designers to create innovative projects, they need innovative, customizable products.



Project : Agora theater, Lelystad, the Netherlands Architect: UN studio, Ben van Berkel Product : Linear 30BD

DESIGN, FUNCTIONALITY & COMFORT 2

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ARCHITECTURAL SERVICES

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Design, Functionality and Comfort

Hunter Douglas ceilings add good design, functionality and comfort to buildings. We have been leaders in the industry for more than 40 years due to our high-quality, reliable products, our continual innovations and our excellent record of service to customers.

DESIGN

Hunter Douglas' range of ceiling solutions allows architects to explore designs with a variety of materials including **metal**, **textiles and wood**. Our wide range of systems, colours and finishes offers true freedom of design. All from a single source.

FUNCTIONALITY

We develop our ceiling products as **systems** integrated combinations of panels and substructures. Architects can evaluate all aspects of the ceiling, from the visible surfaces to the construction and decide what will work best for them. Then our systems can be customized to fit their needs, often without costly adaptations and right on the construction site. Our integrated, customisable ceilings systems allow freedom of choice while reducing the cost of failure.

We are committed to **quality**. We have expertise and a long history of success at every stage of the

manufacturing process - from processing raw materials, to manufacturing and finishing panels, to installation and maintenance of ceilings throughout their lifespan. Durable, high-quality ceilings from Hunter Douglas lower the lifecycle costs of a building.

COMFORT

Every part of a building works together to create a comfortable, healthy and productive environment for those inside. Hunter Douglas ceiling products help architects **control noise**, improve interior **air quality** and even manage **light and heat**.





Techstyle[®]

LARGE, FLAT, ULTRA-LIGHT MATERIAL

Our ceilings expertise, combined with our leading knowledge of precision textile engineering, led us to create a smooth textile ceiling with large lightweight panels.

Techstyle[®] suspended ceilings establish a clean, monolithic look, while also offering outstanding acoustical performance, easy access to the plenum, easy installation and long-term durability.

The honeycomb design and non-woven fabric structure absorb both high and low frequencies at an impressive level. Techstyle® ceilings offer effective noise reduction across the entire spectrum, from 100Hz to 5000Hz.

TECHSTYLE®





Techstyle[®] offers optimal comfort and functionality:

- Economic products; high durability combined with easy installation and accessibility
- Green products; 10% recycled content and at end of product life 100% recyclable
- Hygienic products; easy to clean and indoor air quality friendly
- Acoustic products; Honeycomb design and Non-Woven fabric structure provides excellent acoustical performance
- Easy products; demountable systems and perfect maintainable





Techstyle® brings design flexibility to the forefront with panels that come standard in sizes ranging from 600 x 600 mm to 1200 x 2400 mm. The modular system allows you to mix and match sizes to create distinctive looks for a room.

- Swing-down or lay-on system
- Swing-down tiles at 600 x 600 mm, 600 x 1200 mm and 1200 x 1200 mm
- Lay-on tiles in 600 or 1200 mm widths and in lengths from 600 to 2400 mm
- High acoustical values
- Standard colour: white
- Curved solutions
- Floating ceiling with special perimeter trim
- Curved wall transitional trim

Below : Lida Baday Showroom, New York, USA Architect: Mario Zuliani + Associates Product : Techstyle®



Left : Fashion Centre Voorwinden, 's-Gravendeel, the Netherlands Architect: Architektenburo Roos en Ros Product : Techstyle*





The strong silent type

TECHSTYLE

Techstyle[®] self-aligning panels provide a narrow 6 mm reveal, which ensures uniformity throughout a space. Panels line up as they should, creating a clean, monolithic look.

Techstyle[®] panels swing down on an integrated clip/hang system, allowing total access to the plenum while also holding tiles securely in place.

Above : Marcin Dekor office building, Konik Nowy, Poland Architect: Katarzyna Mużecka Product : Techstyle* floating islands

Wood

NATURAL MATERIAL

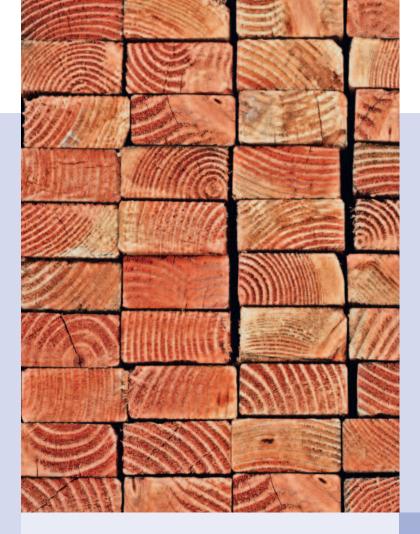
Wood has been a source of inspiration in art and architecture for thousands of years. One of the oldest and most versatile materials available to mankind, wood creates a natural and unique atmosphere for both interiors and exteriors.

Wood ceiling systems from Hunter Douglas are available in all kinds of wood, allowing architects to explore the natural characteristics of the material, including growth patterns and colour variations. Together with a variety of wood types, we apply different finishing techniques that further define the look of the ceiling design.

We can also address a range of acoustical requirements with wooden ceilings by using perforation patterns or adjusting the spacing of linear-ceiling joints.

All our wooden ceilings are available in fire-retardant versions and meet all requirements of the European CE2004 certification.

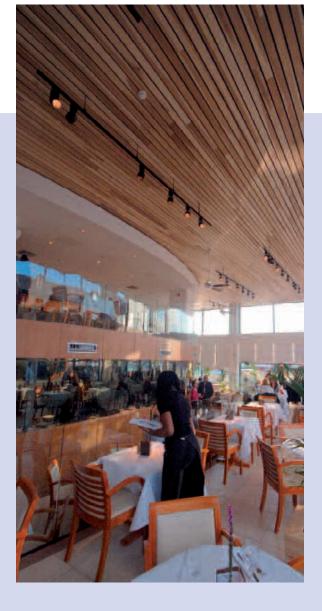




Wood ceilings offer optimal comfort and functionality:

- Economic products; high durability combined with easy installation and accessibility
- Green products; natural material on request with FSC certification
- Acoustic products; several perforated products supplied with acoustical non woven
- Easy products; demountable systems and perfect maintainable





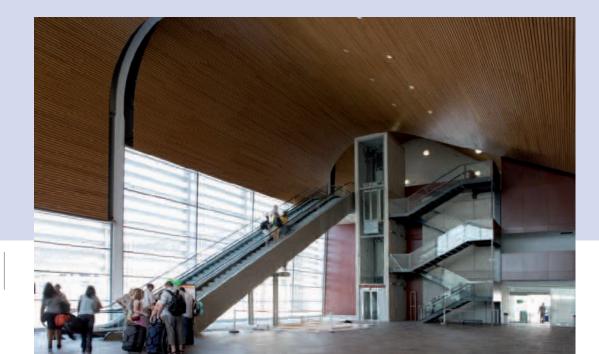
Above : Croma Restaurant, Manchester, United Kingdom Architect: Ombler Iwanowski Architects Product : Wood Linear open, American poplar

Solid wood ceiling systems consist of linear wooden panels fixed to an integrated metal suspension system. These wood ceilings enhance the atmosphere of any space, creating a warm and natural environment.

- Offered in linear open, linear closed and grid systems
- Module sizes from 82.5 to 150 mm
- Panel widths from 63.5 to 135 mm
- Over 15 standard wood species, including birch, oak, maple, Oregon pine and more
- Panels can be finished with transparent or coloured varnishes
- Curved or undulating possibilities
- Demountable system
- Acoustical or plain planks
- FR treatment

We also offer solid wood ceiling systems for exterior applications.

- Non-demountable ceiling system
- Varnish on all 4 sides



Below : Cruise Ship Terminal, Barcelona, Spain Architect: Grupo JG Product : Wood Linear open, European pine

Linear The natural alternative

WOOD

Wood is a unique and living material, therefore the natural characteristics can be clearly seen in this product, a true product of nature.

Above : Conservatory Amsterdam, the Netherlands Architect: Architecten Cie Product : Wood Linear open, Red Oak



Above : WTC Amsterdam, the Netherlands Architect: KPF London and OZR Amsterdam Product : Wood Tiles, mahogany

 Right
 : ABN-AMRO, Amsterdam, the Netherlands

 Architect:
 Studio Eveline Mercx

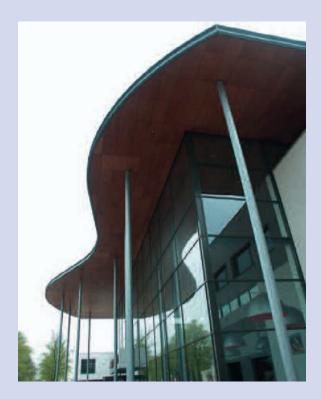
 Product
 : Wood Panels, Anigre white lacquered

Wood Panels are detachable wood-veneer panels with an MDF core to create a natural atmosphere. We offer three ceiling types: Classic (open), Prestige (concealed) and Modern (semi-concealed).

- Open, semi-concealed or concealed systems
- 600 x 600 mm or 1200 x 600 mm tile sizes
- Over 40 standard wood veneers, including beech, chestnut, cherry, pear wood and more
- Panels can be finished with transparent or coloured varnishes
- Acoustical or plain panels
- FR treatment
- Cut outs on request

Wood tiles are also available for exterior applications.

- Moisture proof MDF core
- Exterior varnish
- Sealed on all 4 sides



Above : Martiniplaza, Groningen, the Netherlands Architect: Henk Stiekema Product : Wood Tiles, okoume

Below : BDO Accountants, the Netherlands Product : Wood Panels, bamboo caramel

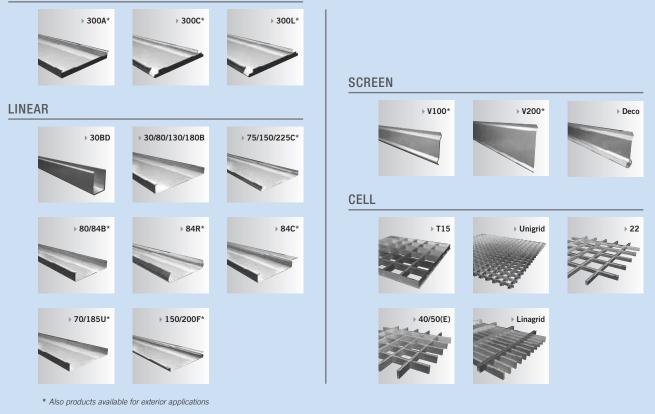


Metal

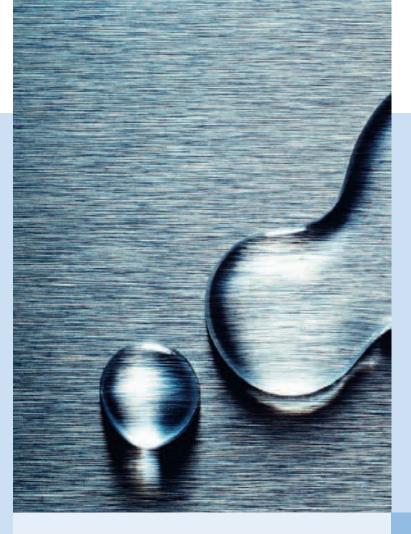
POWERFUL MATERIAL

Forty years ago, we pioneered suspended metal ceilings. We've been hard at work ever since. At Hunter Douglas, we make sure architects have the solutions they need to build the projects they want. With metal ceilings in aluminium, steel, copper and stretch metal, in types ranging from linear and wide panel to open cell, curved and tile, the only limits are in your imagination. Hunter Douglas has established a long history of groundbreaking innovations. Recent innovations include Luxacote[®], a special durable finish for exterior ceilings to protect against corrosion, abrasion and aggressive environments; 300 mm curved metal ceilings; and the XL panel, which features extreme flatness combined with XL-sizes.

We offer a large range of decorative and functional finishes to create maximum freedom in design for numerous applications. Standard finishes include brushed, mirror, embossed, zinc, anodized, matt, glossy and natural metal. Custom finishes and colours available.



WIDE PANEL



Metal ceilings deliver optimal comfort and functionality:

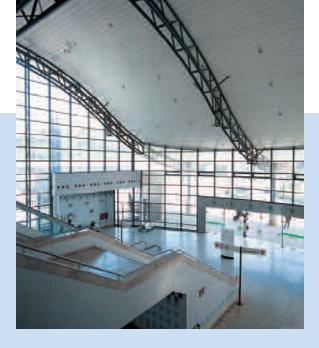
- Economic value high durability combined with easy installation and accessibility
- Green characteristics our aluminium alloy has 90% recycled material and is fully recyclable at the end of the ceiling lifecycle
- **Hygienic** easy to clean and friendly to indoor air quality
- Acoustical noise control through perforations and acoustical non-woven backings
- Ease of use fully demountable systems allow hassle-free maintenance



STRETCH METAL / TILES / XL

CURVED / CHILLED





Our wide panel system spatially define and design the ceiling plane. A range of panel-joint options allows a variety of design expressions.

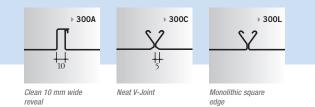
- Carrier, C-grid, lay-on and clip-in panels
- 300 mm-width panels in lengths up to 6 m
- 10 mm wide recessed joints, neat V-joints and straight L-joints
- Acoustical and plain panels
- Curved and straight ceiling designs

Below : BMW Showroom, Madrid, Spain Architect: Rafael de la Hoz Product : Metal Wide panel 300C Curved



Left : Campolide Railway station, Campolide, Portugal Architect: Mata Guedes Product : Metal Wide panel 300L



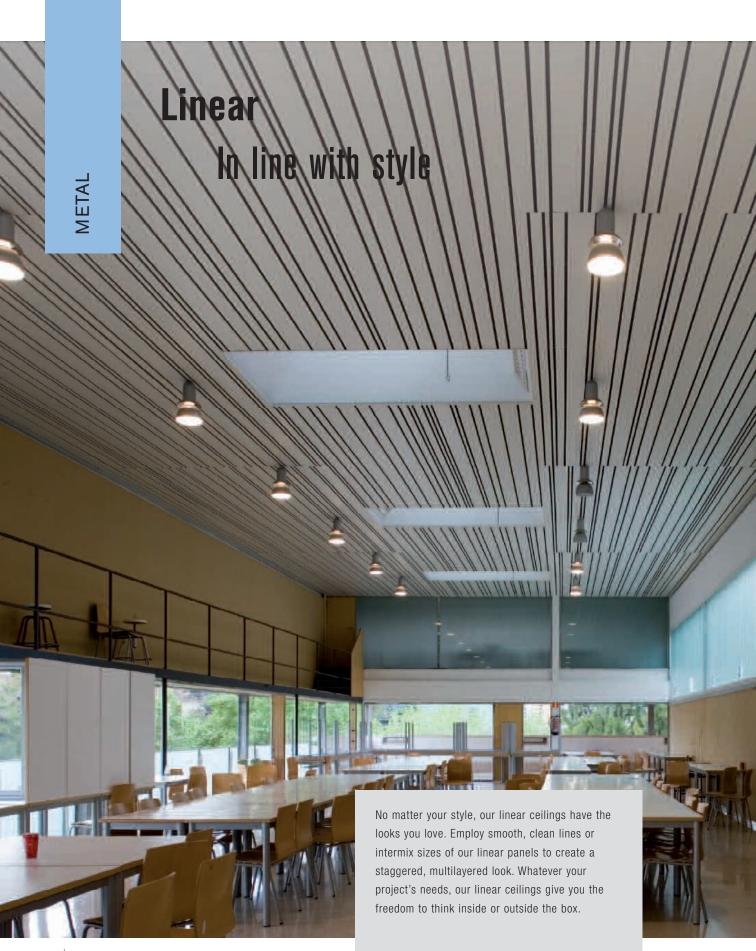


Wide Panel Impressive Size, Impressive Panel

METAL

Our 300 mm wide panel ceiling system establishes a distinct, robust look. Panels span lengths up to 6 m, requiring fewer panels and joints to reduce installation cost. With three joint options and a variety of perforations for acoustical performance, our wide panels trim costs without trimming style. They are a quick way to make a big first impression.

Above : Royal library, Copenhagen, Denmark Architect: Dissing + Weithing Product : Metal Wide panel 300L



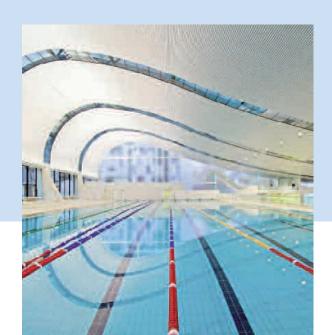
Above : Escuela Technica Superior de Arquitectura, Universidad Politecnica, Valencia, Spain Architect: Giro Vidal and Vicente Vidal Product : Metal Multi panel *Right* : InBev headquarters, Leuven, Belgium Architect: Poponcini & Lootens Product : Metal Linear panel 150C

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 and curves. Choose from over 40 available colours and mix and match different sizes and heights to create the perfect look for your project.

- Box-shape, bevelled-edge or rounded-edge panels
- Panel widths from 30 to 225 mm; lengths up to 6 m
- Closed, open and recessed joints
- Joints can remain open or can be filled with a profile
- Acoustical and plain panels
- Multiple panel widths can be combined
- Undulating and curved shapes available







Above : Caja de Navarra, Pamplona, Spain Architect: Tabuenca & Leache Product : Metal Linear panel 30BD

Left : lan Thorpe Aquatic Centre, Sydney, Australia Architect: Harry Seidler and Associates Product : Metal Linear panel 84R



Left : Rosengårdscentret, Rød Gade, Denmark Architect: Arkitema Product : Metal Screen V100 Deco



Above : Schiphol Airport, Amsterdam, the Netherlands Architect: Benthem Crouwel Architekten Product : Metal Screen V100

Below : Crown Coliseum, Fayetteville, USA

Architect: Odell associates, Inc Product : Metal Screen V100 + Deco Linear screen ceilings use vertically hung panels to create the impression of a floating ceiling. The unique look of this system can be further enhanced by incorporating V100/V200 Deco to the screens.

- Panel heights in 100 or 200 mm in lengths up to 6 m
- Module 100, 150 or 200
- Attachment of V100/V200 Deco in wood or aluminium



Screen Screens that are truly 'high definition'

P Parking Gar

Define a variety of unique looks along the ceiling with our screen ceiling systems. These systems mask the plenum, allow access to sprinklers, lights and diffusers and lend themselves to a variety of design options. Several carrier and T-bar systems make it easy to create patterns and a wide colour range ensures that if you can imagine it, you can build it.

Above : Ft. Lauderdale Airport, USA Architect: HOK Product : Metal Screen V100 METAL

XL Super-size your ceiling

METAL



We've borrowed technology from the aircraft industry to create our XL panels, which are extremely flat and light despite their size and which require very few supporting points. Our XL panels provide a smooth appearance and are available in a variety of finishes. XL ceilings are just the most recent addition to our line of big ideas.

THE PARTY

Above : Voorwinden, 's-Gravendeel, the Netherlands Architect: Architektenburo Roos en Ros Product : Metal XL



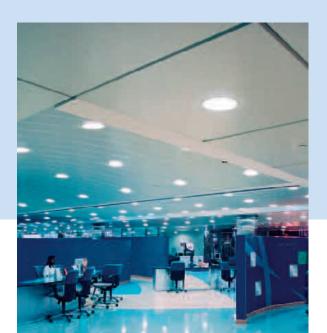
XL panels have a small butt joint of 3 mm. This small joint, together with the flat, large panels, create a smooth and uniform ceiling design. XL sizes establish a strong design statement.

- Hook-on system
- XL sizes panels up to 1500 by 6000 mm
- 3 mm butt joint
- Demountable from below
- Endless colours and finishes; perforations available
- Curved solutions
- Acoustical options

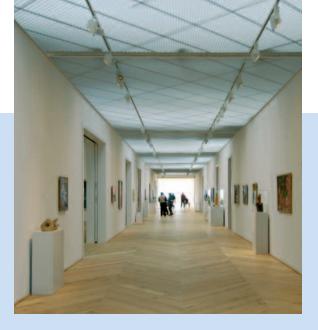
Above : Changi Airport, Singapore Architect: CPG Consultants Pte Ltd Product : Metal XL

Below : Beijing Haidian hospital, Beijing, China Architect: Zhong Yi Decoration & Construction Product : Metal XL





Left : Dnata Airline office, Dubai, UAE Architect: Arc Line Decor Product : Metal XL

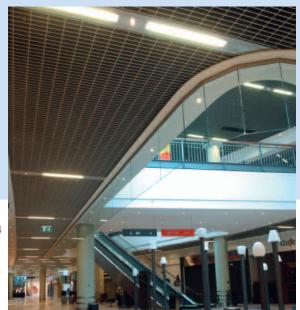


Cell systems create a spacious appearance ideal for spaces where open, light constructions are desired. These systems make it easy to create different modules in one ceiling.

- Sliding Clip, hook-in or swing-down system
- Modules from 50 x 50 to 200 x 300 mm
- Cell heights from 22 to 56 mm
- Options for very small plenum depths
- Design combinations of cell 22 and 50 are possible

Cell tiles are open ceilings with a modern, distinctive character. The tiles are suitable for the universal T-grid system.

- T-grid suspension system
- Tiles 600 x 600 mm or 600 x 1200 mm
- Four different designs for Unigrid
- Lay-on, Lay-in or concealed



Left : Fuglsang Kunstmuseum, Denmark Architect: Tony Fretton Architects og BBP Arkitekter Product : Metal Cell Tiles Unigrid



Left : Fields shopping centre, Ørestaden, Denmark Architect: C.F. Møller Product : Metal Cell systems Linagrid



Our open-cell ceilings help define a space and create interesting shadows and lighting effects. Available in a range of sizes and colours, our cell ceilings provide a plenum mask that emphasizes creativity.

We offer two open cell ceilings: Cell systems, a fully flexible, modular system Cell tiles, a standard-sized product

Above : Adem and Eva hotel, Turkey Architect: Eren Talu Product : Metal Cell 40 Module 50 METAL

Stretch Metal Striking visual effects

Stretch metal is a versatile architectural design material that creates striking visual effects. The wide choice of patterns, materials and colours gives every project a unique appearance.

Stretch metal uses a metal sheet with diamondshaped holes. These holes are created in a special production process by simultaneously cutting and stretching the metal to eliminate waste.

Above : Metzo College, Doetinchem, the Netherlands Architect: EEA - Erick van Egeraat Associated architects Product : Stretch Metal tiles



Our stretch metal ceilings allow you to create lively, open ceiling designs by varying mesh types, mesh directions, lighting and colours.

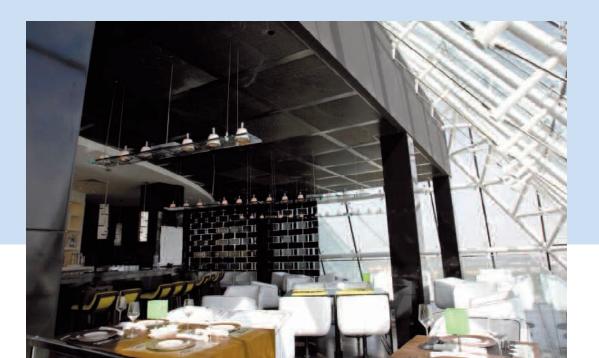
Stretch metal tiles and planks feature different kinds of mesh and materials, allowing you to create distinctive, modern designs.

- Lay-in tiles, lay-on and C-grid planks and curves
- Tile modules 600 x 600 and 900 x 900 mm
- Plank widths from 300 to 500 mm in lengths up to 2800 mm
- Strong, continuous material that can be shaped
- Wide range of mesh sizes, colours and patterns
- Strong acoustical performance
- Suspension grid and edge profiles in matching and complementary colours



Above : Fair, Bologna, Italy Product : Stretch Metal tiles

Below : Raffles Hotel, Dubai, United Arab Emirates Architect: Arif & Bin Toak Product : Stretch Metal planks





Left : Bush Intercontinental Airport, Houston, USA Architect: Gensler, Houston Product : Metal Tiles



Above : Toei Oedo Line, Tocyo-mae Station, Japan Architect: Tokyo Metropolitan Government Bureau of transportation Product : Metal Tiles Tiles available in pressed square or rectangular panels allowing bi-directional ceiling designs.

- Lay-in or clip-in tiles
- Tile widths from 300 to 600 mm in lengths from 300 to 1200 mm
- Flush-T, recess-T or V-joint linings
- Acoustical or plain tiles
- Several perforations with or without non-woven acoustical backing
- Steel or aluminium tiles



Below : Warszawa Gdańska underground station, Warsaw, Poland Architect: APA Kuryłowicz Product : Metal Tiles

Tiles It's hip to be square. Or rectangle

50

These square and rectangular tiles blend style and functionality, offering a clean, monolithic look and a variety of options. Our Lay-in and Clip-in Tile systems offer various perforation patterns and joint systems to ensure every project has its own 'sense of tile'.

Panel flatness, steady joints and minimum panel tolerances ensure the quality of our tiles. The Lay-in and Clip-in Tiles are made of a highquality alloy, ensuring a superb ceiling system.

Above : Falagueira underground station, Amadora, Portugal Architect: Leopoldo Rosa Product : Metal Tiles



Curved Ahead of the curve

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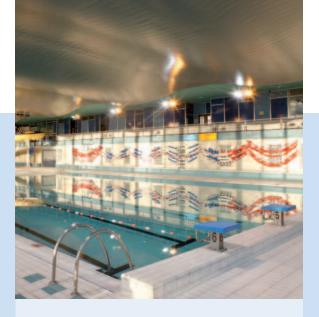
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Curved metal ceilings are the perfect way to create arches and multilevel designs. Panels up to six meters in length let you define spaces large and small. With excellent acoustical properties and a variety of colours, finishes and curved options, these panels might just be the wave of the future. . . .

Above : Falagueira underground station, Amadora, Portugal Architect: Leopoldo Rosa Product : Metal Curved Wide panel, 300C





Our systems let you establish a variety of curves without losing the many advantages of metal ceilings. We offer options for concave, convex and undulating forms, with either curved panels or curved carriers. Our panels can even have a combination of curves in a single panel.

- Concave, convex or undulating
- Lengths up to 6 meters
- Minimum radius of 1000 mm
- Endless colours and finishes
- Acoustical performance
- Interior and exterior application

Below : Blaak Train Station, Rotterdam, the Netherlands Architect: H. Reijnders Product : Linear Panel, 70U on Curved Carrier





Above and right: InBev headquarters, Leuven, Belgium Architect: Poponcini & Lootens Product : Metal Chilled and Acoustical 150C



Above and right: Dodoens Hospital, Mechelen, Belgium Architect: Luyten & Lens Product : Metal Chilled Linear 150C + 225C Luxalon[®] chilled ceilings offer a powerful solution for managing heat, acoustics and air quality in a single system.

The chilled ceiling system consists of linear metal ceiling panels with high-quality aluminium strips fastened to coolant pipes, which can be chilled and heated by water. The aluminium strips and coolant pipes are mounted to the carrier by means of specially designed clips.

- Closed panels in 150, 225 or 300 mm widths
- Aluminium or steel panels
- Specially extruded aluminium strips
- Polybutylene coolant pipes
- Panels and cooling system mounted separately
- Easy demounting of system and panels
- A high cooling capacity



Chilled Feeling cool

METAL

The most important requirement of any building is the comfort of its users. Numerous studies show that comfortable, pleasant environments lead to a higher productivity.

Several critical aspects of a building work together to create a comfortable, healthy and productive environment. By controlling noise and air quality and by managing light and heat, Hunter Douglas products have been used in some of the most sophisticated projects in the world.

Exterior Take it outside

METAL

Why keep your vision locked inside? Bring style outdoors with our exterior ceilings. These panels are attached to rigidly suspended carriers, engineered to withstand severe conditions. From linear and wide panel to curves and tiles and from awnings to canopies to roofs; big or small, exterior's got it all.

Exterior ceilings are specially developed with the same aesthetic appearance as interior ceilings allowing a wide range of design possibilities.

Above : Ferrari Restaurant, Maranello, Italy Architect: M. Visconti Product : Metal Exterior Linear 30B and 80B *Right* : Rabobank, Heinenoord, the Netherlands Architect: Architektenburo Roos en Ros BV BNI BNA Product : Metal Exterior Wide Panel 300C

Exterior building applications cope with severe conditions like wind, rain, snow, dirt, vandalism and UV light. Our special aluminium alloy, high-quality surface treatments featuring Luxacote[®] and our windproof systems ensure durability in applications like canopies, shopping centres and railway/underground stations.

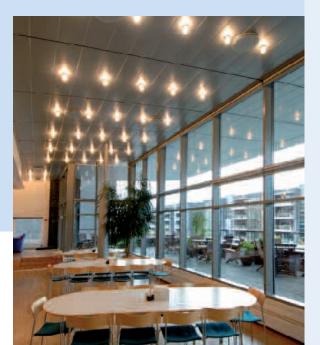
- Box-shape, bevel-edge and round-edge panels
- Panel widths from 75 to 300 mm in lengths up to 6 m
- Open or closed joints
- Special alloy of corrosion-resistant aluminium
- Luxacote[®] coating system resistant to UV and scratches and is rain-, dirt- and snow-proof
- Certified for wind loads
- Undulating or curved panels



Our proprietary coil-coating process ensures ceiling panels get a superb finish. Independent tests have proven the excellent performance characteristics of Luxacote®. The topcoat contains a solid UV filter that guarantees perfect colourfastness and gloss stability. The topcoat also offers better resistance against scratches with a structure that resists and masks any minor damage that may occur during installation, resulting in a high abrasion resistance. The alloy and pre-treatment also offer optimal resistance to corrosion.



LUXACOTE[®] for exterior application



Left : PA Consult C&H, Copenhagen, Denmark Architect: Perlt&Black a/s C&H Product : Metal Interior and Exterior Wide Panel 300C

HUNTER DOUGLAS ARCHITECTURAL PRODUCTS

Over 50 years, we've been fortunate enough to help turn countless innovative sketches into innovative buildings.







Architects, designers, investors and contractors from around the world have taken advantage of Hunter Douglas' unmatched product development, service and support. Chances are, you've seen more of Hunter Douglas than you think.

With major operation centres in Europe, North America, Latin America, Asia and Australia, we've contributed to thousands of high-profile projects, from retail and commercial facilities to major transit centres and government buildings.

Not only are the world's architects and designers our partners, they're our inspiration. They continue to raise the bar for excellence. We create products that help bring their visions to life: Window Coverings, Ceilings, Sun Control Systems and Façades.



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



LUXALON®



HunterDouglas

HUNTER DOUGLAS is a publicly traded company with activities in more than 100 countries with over 150 companies.

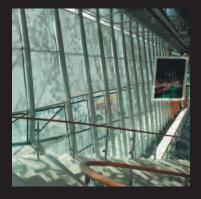
The origin of our company goes back to 1919, in Düsseldorf, Germany. Throughout our history, we have introduced innovations that have shaped the industry, from the invention of the continuous aluminium caster, to the creation of the first aluminium Venetian blinds, to the development of the latest high-quality building products.

Today we employ more than 16.500 people in our companies with major operation centres in Europe, North America, Latin America, Asia and Australia.

Innovative Products Make Innovative Projects

Learn More

- Contact our Sales office
- www.hunterdouglascontract.com









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HunterDouglas

WINDOW COVERINGS CEILINGS

DL FAÇADES