

Cell Ceiling

HunterDouglas® Cell Ceilings enable architects to design an open ceiling with high-performance aluminium. With a wide variety of cells and patterns, these ceilings offer maximum freedom in design.



HunterDouglas 
Architectural

Cell Ceiling

Endless possibilities



DESIGN FLEXIBILITY

Cell Ceiling systems from Hunter Douglas create a spacious appearance ideal for interior designs where open, light constructions are desired. They make it easy to create different modules in one ceiling and are ideal for very small plenum depths.

Systems are available as sliding, hook-in, swing-down or tile. Modules vary from 50 x 50 mm to 200 x 200 mm. A wide range of colours and finishes are available, and special colours can be provided upon request.

DURABILITY

Manufactured from 0.35, 0.4 or 0.5 mm thick pre-painted aluminium coil, Cell Ceilings are finished with a polyester paint to provide a long, low-maintenance life. The coating is stove-enameled in a continuous coil-coating process to ensure uniform thickness and absolute adhesion.

EASY PLENUM ACCESS

The panels can be easily (de)mounted by hand, allowing for full interaction with systems and installation in the plenum.



FIRE BEHAVIOUR

All HunterDouglas® metal suspended ceilings are classified A2,s1,d0 according to EN 13501-1. HunterDouglas® Open Cell creates a ceiling through which large amounts of air and or smoke can be extracted, a distinct advantage in escape routes where the clearest visibility is required.

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 ensures creativity is the focal point.

We offer two Open Cell Ceilings:

- Cell tiles, a standard-sized product
- Cell systems, flexible and modular

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Designed to work for you



Production by
Hunter Douglas
Ceiling Center



HunterDouglas

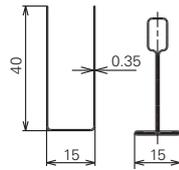
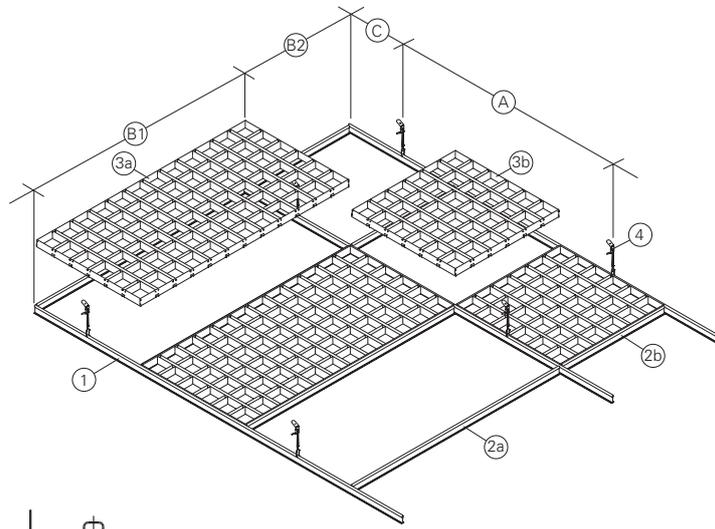
T15

TILES

The T15 tiles are assembled from aluminium U-profiles and are provided with a closing strip all around.

SUSPENSION

The 600 x 600 mm or 600 x 1200 mm tiles are laid in a T15 grid.

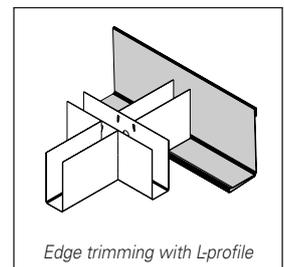
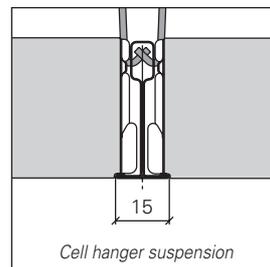
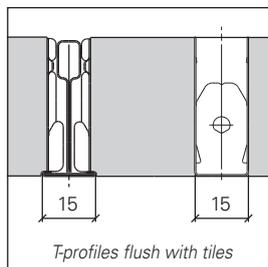
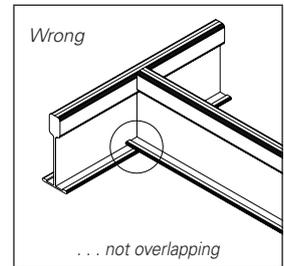
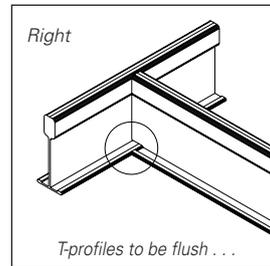
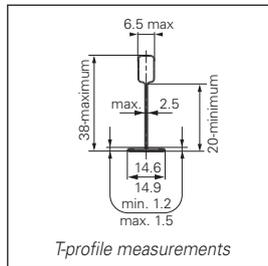


- 1 = Main T-profile 3600
- 2a = Cross T 1200
- 2b = Cross T 600
- 3a = Cell tile 1200 x 600
- 3b = Cell tile 600 x 600
- 4 = Cell hanger

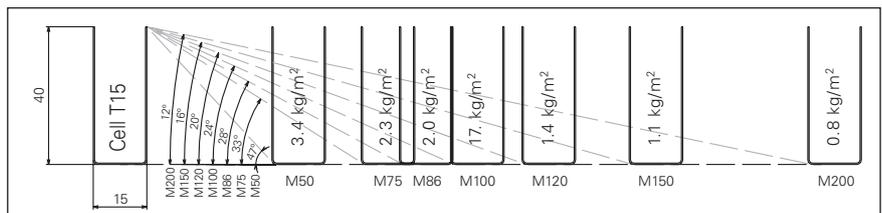
- A = 1200 mm (max.)
- B1 = Tile length (standard 1200)
- B2 = Tile length (standard 600)
- C = 300 mm (max.)

CONSTRUCTION DETAILS

The standard L edge profile can be used.



MODULES, WEIGHTS AND VIEWING ANGLE



MODULES AND HEIGHTS (AVAILABILITY)

The panels are made from 0.35 mm thick aluminium strip.

| Module | Height | Module Size | Height |
|---------|--------|-------------|--------|
| 50 x 50 | 40 | 100 x 100 | 40 |
| 75 x 75 | 40 | 120 x 120 | 40 |
| 86 x 86 | 40 | 150 x 150 | 40 |
| | | 200 x 200 | 40 |

MATERIAL REQUIREMENT PER M²

Edge profile type and quantity is subject to individual project requirements.

| | Unit | Cell T15 Tile 1200 x 600 | Cell T15 Tile 600 x 600 |
|-----------------------|------|--------------------------|-------------------------|
| Cell T15 tiles | pcs | 1.39 | 2.78 |
| 15 mm T-grid (non HD) | lm | 2.50 | 3.34 |
| Cell hangers | pcs | 0.69 | 0.69 |

Cell 40

PANELS

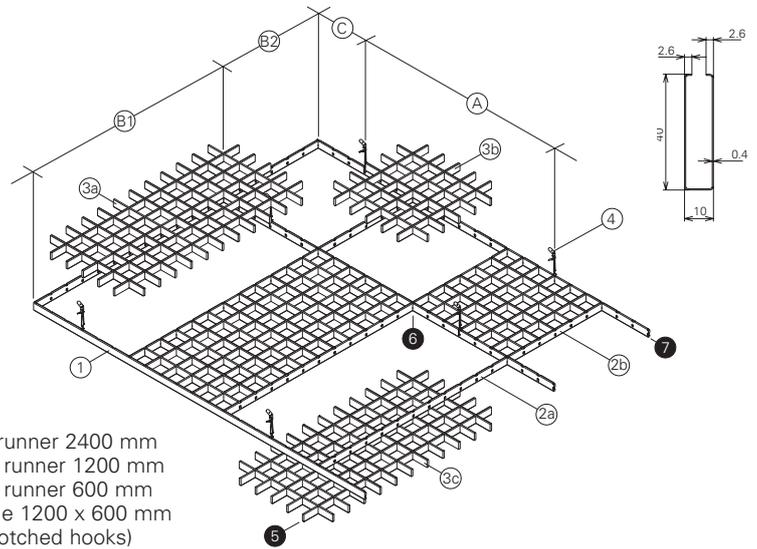
Cell 40 panels are assembled from aluminium U-profiles to create an integrated system.

SUSPENSION

The 600 x 600 mm or 600 x 1200 mm panel sizes feature an integrated suspension system with main and cross runners made from the same profiles as the cell panel.

- 1 = Main runner 2400 mm
- 2a = Cross runner 1200 mm
- 2b = Cross runner 600 mm
- 3a = Cell tile 1200 x 600 mm (pre-notched hooks)
- 3b = Cell tile 600 x 600 mm (pre-notched hooks)
- 3c = Cell tile 1200 x 600 or 600 x 600 mm (straight ends, for sliding clip)
- 4 = Cell hanger

- A = 1200 mm (max.)
- B1 = Tile length (standard 1200)
- B2 = Tile length (standard 600)
- C = 300 mm (max.)

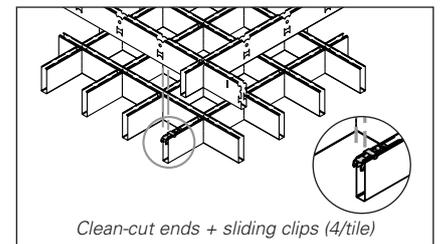
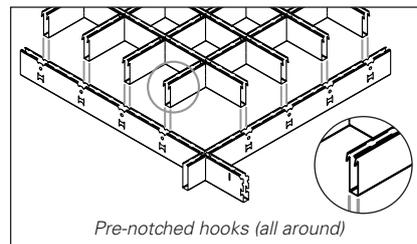
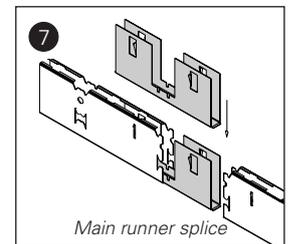
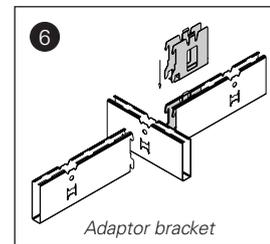
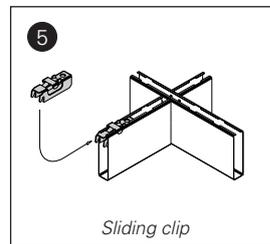


CONSTRUCTION DETAILS

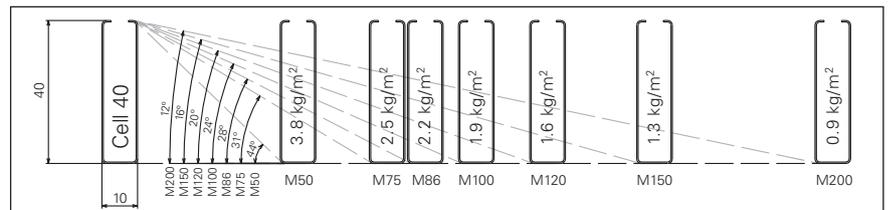
The panel ends can be used in two different installation options:

- Integrated hooks that hook into main and cross runners.
- Clean cut ends accepting sliding clips.

These options can be combined in one ceiling.



MODULES, WEIGHTS AND VIEWING ANGLE



MODULES AND HEIGHTS (AVAILABILITY)

Tiles are made from 0.4 mm thick aluminium strip.

| Module | Height |
|-----------|--------|
| 50 x 50 | 40 |
| 75 x 75 | 40 |
| 86 x 86 | 40 |
| 100 x 100 | 40 |
| 120 x 120 | 40 |
| 150 x 150 | 40 |
| 200 x 200 | 40 |

MATERIAL REQUIREMENT PER M²

Edge profile type and quantity is subject to individual project requirements.

* only for tiles with straight ends

| | Unit | Cell 40 Tile 1200 x 600 | Cell 40 Tile 600 x 600 |
|--------------------|------|-------------------------|------------------------|
| Cell 40 tiles | pcs | 1.39 | 2.78 |
| Main Runners 2400 | lm | 0.83 | 1.67 |
| Cross Runners 1200 | lm | 1.67 | |
| Cross Runners 600 | lm | | 1.67 |
| Sliding Clips* | pcs | 5.56 | 11.12 |
| Splices | pcs | 0.35 | 0.70 |
| Cell Hangers | pcs | 0.69 | 1.39 |

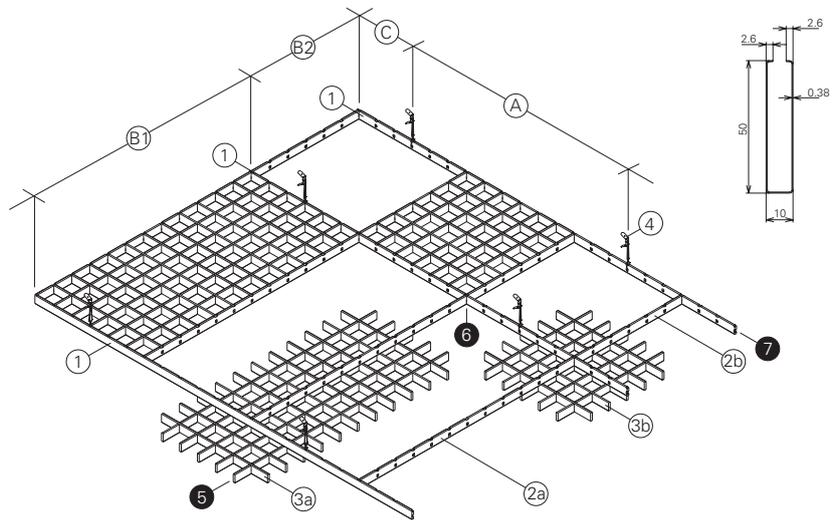
Cell 50E

PANELS

Cell 50E panels are assembled from aluminium U-profiles. They create perfect detailing of the connecting U-profiles, which are designed to conceal uncoated edges.

SUSPENSION

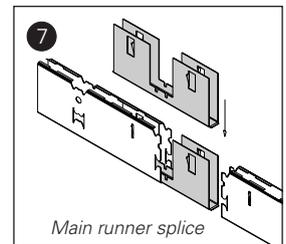
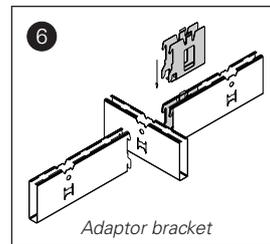
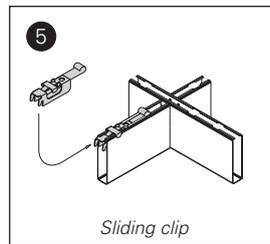
The 600 x 600 mm and 600 x 1200 mm panels feature an integrated system with main and cross runners from the same profiles as the panels. The panels are easily (de)mounted with the sliding clips.



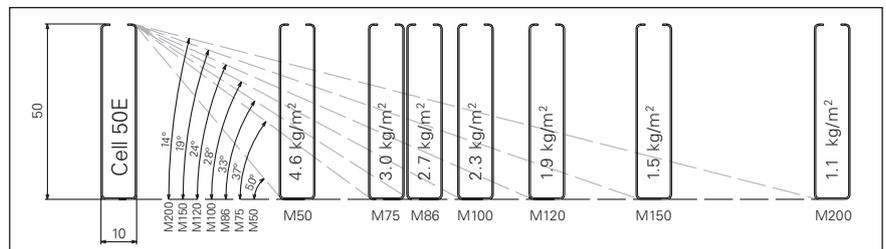
- 1 = Main runner 2400 mm
- 2a = Cross runner 1200 mm
- 2b = Cross runner 600 mm
- 3a = Cell tile 1200 x 600 mm
- 3b = Cell tile 600 x 600 mm
- 4 = Cell hanger
- A = 1200 mm (max.)
- B1 = Tile length (standard 1200)
- B2 = Tile length (standard 600)
- C = 300 mm (max.)

CONSTRUCTION DETAILS

The standard range of edge profiles can be used.



MODULES, WEIGHTS AND VIEWING ANGLES



MODULES AND HEIGHTS (AVAILABILITY)

Tiles are made from 0.4 mm thick aluminium strip.

| Module | Height |
|-----------|--------|
| 100 x 100 | 50 |
| 120 x 120 | 50 |
| 150 x 150 | 50 |
| 200 x 200 | 50 |

MATERIAL REQUIREMENT PER M²

Edge profile type and quantity is subject to individual project requirements.

| | Unit | Cell 50E Tile 1200 x 600 | Cell 50E Tile 600 x 600 |
|--------------------|------|--------------------------|-------------------------|
| Cell 50E tiles | pcs | 1.39 | 2.78 |
| Main Runners 2400 | lm | 0.83 | 1.67 |
| Cross Runners 1200 | lm | 1.67 | |
| Cross Runners 600 | lm | | 1.67 |
| Sliding Clips | pcs | 5.56 | 11.12 |
| Splices | pcs | 0.35 | 0.70 |
| Cell Hangers | pcs | 0.69 | 1.39 |

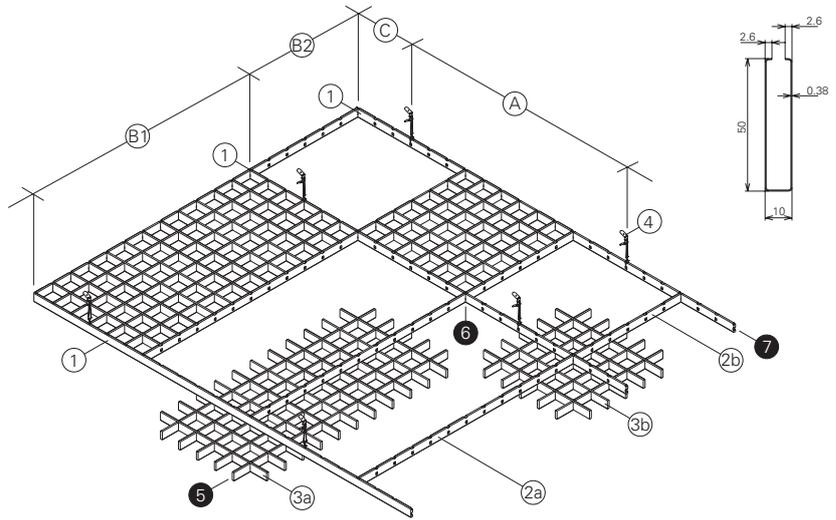
Cell 50

PANELS

Cell 50 panels are assembled from aluminium U-profiles and create perfect detailing of the connecting U-profiles, which are designed to conceal uncoated edges.

SUSPENSION

The 600 x 600 mm and 600 x 1200 mm panels feature an integrated system with main and cross runners from the same profiles as the panels. The panels are easily (de)mounted with the sliding clips.

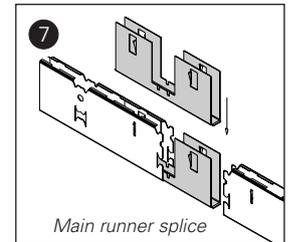
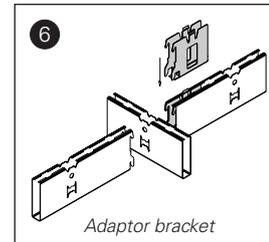
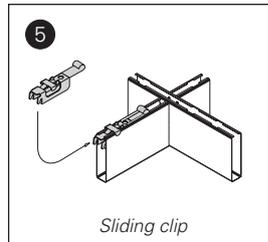


- 1 = Main runner 2400 mm
- 2a = Cross runner 1200 mm
- 2b = Cross runner 600 mm
- 3a = Cell tile 1200 x 600 mm
- 3b = Cell tile 600 x 600 mm
- 4 = Cell hanger

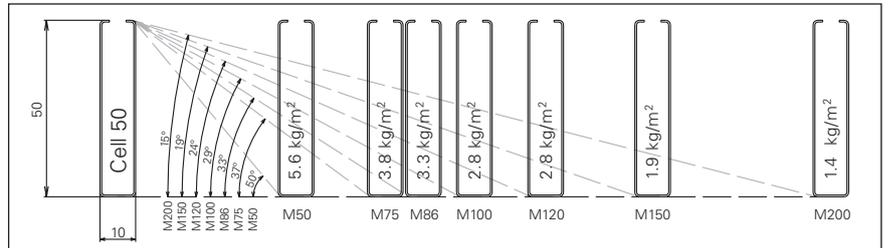
- A = 1200 mm (max.)
- B1 = Tile length (standard 1200)
- B2 = Tile length (standard 600)
- C = 300 mm (max.)

CONSTRUCTION DETAILS

The standard range of edge profiles can be used.



MODULES, WEIGHTS AND VIEWING ANGLES



MODULES AND HEIGHTS (AVAILABILITY)

Tiles are made from 0.5 mm thick aluminium strip.

| Module | Height | 100 x 100 | 50 |
|---------|--------|-----------|----|
| 50 x 50 | 50 | | |
| 75 x 75 | 50 | | |
| 86 x 86 | 50 | | |
| | | 120 x 120 | 50 |
| | | 150 x 150 | 50 |
| | | 200 x 200 | 50 |

MATERIAL REQUIREMENT PER M²

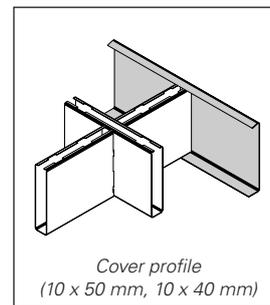
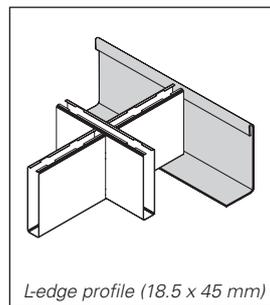
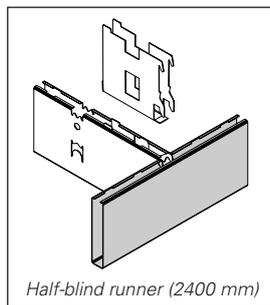
Edge profile type and quantity is subject to individual project requirements.

| | Unit | Cell 50 Tile 1200 x 600 | Cell 50 Tile 600 x 600 |
|------------------------|------|-------------------------|------------------------|
| Cell 50 tiles | pcs | 1.39 | 2.78 |
| Main Runners 2400 | lm | 0.83 | 1.67 |
| Cross Runners 1200 | lm | 1.67 | |
| Cross Runners 600 | lm | | 1.67 |
| Sliding Clips/Brackets | pcs | 5.56 | 11.12 |
| Splices | pcs | 0.35 | 0.70 |
| Cell Hangers | pcs | 0.69 | 1.39 |

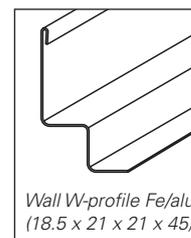
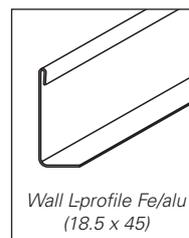
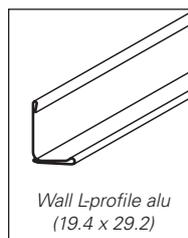
Perimeter

STANDARD PERIMETER OPTIONS

Cell 40, 50E and 50



EDGE PROFILES



CELL DIMENSIONS

Standard dimensions are 600 x 600 mm and 600 x 1200 mm.

Other sizes on request.

Material

SPECIFICATIONS

- Base Material

Cell Ceiling systems are manufactured from aluminium alloy HD5050 or equal (according to EN 1396).

- Coating

The tough and durable 2-layer polyester finish in a nominal thickness of 20 microns is stove enameled in a continuous coil-coating process to ensure uniform coating thickness and absolute adhesion.

- Colour range

The standard Hunter Douglas interior colour range for Cell Ceiling systems includes a wide variety of colours and finishes. For more information, see our colour chart. Any other (RAL or NCS) colour is available upon request.

- Tolerances

As a member of the Technical Association of Industrial Metal Ceiling Manufacturers (TAIM), Hunter Douglas complies with tolerance criteria as specified in the TAIM Quality standards for metal ceilings.

- Fire Behaviour

Hunter Douglas metal suspended ceilings are classified A2,s1,d0 according to EN 13501-1, and therefore will not contribute to fires. Hunter Douglas Open Cell creates a ceiling through which large amounts of air and or smoke can be extracted, a distinct advantage in escape routes where the clearest visibility is required.

- Plenum Accessibility

Hunter Douglas Cell Ceiling systems allow for easy (de)mounting of the panels. The standard panels are easily lifted upwards and removed, allowing full access to systems and installations in the plenum. The minimum free space for comfortable (de)mounting is 130 mm. The swing-down systems allow for (de)mounting the panels downward, with the panels swinging and remaining suspended to allow for easy interaction with the plenum. The sliding clips allow for (de)mounting of the panels from below for cases where there is no handling space in the plenum.

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.



▲ SUN LOUVRES



▲ PLAFONDS



▲ 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.

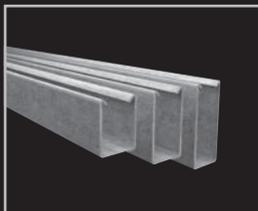


All aluminium products are 100% recyclable at the end of their lifecycle.

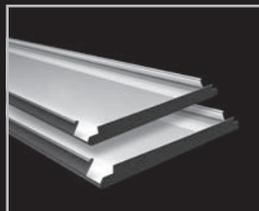


Learn More

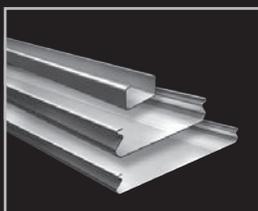
- Contact our Sales office
- www.hunterdouglasarchitectural.eu



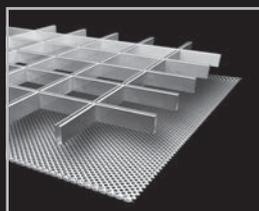
HeartFelt® Linear



Wide Panel



Linear



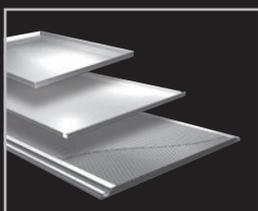
Cell | Stretch metal



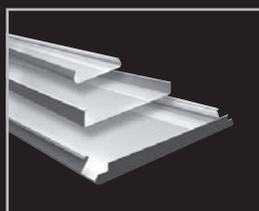
Baffles



Curved



Tiles | Planks | XLnt



Exterior

- Belgium
- Bulgaria
- Croatia / Slovenia
- Czech Republic
- Denmark
- France
- Germany
- Greece
- Hungary
- Italy
- The Netherlands
- Norway
- Poland
- Portugal
- Romania
- Russia
- Serbia
- Slovakia
- Spain
- Sweden
- Switzerland
- Turkey
- United Kingdom
- Africa
- Middle East

- Asia
- Australia
- Latin America
- North America

Hunter Douglas Architectural United Kingdom

8 Charter Gate
Clayfield Close, Moulton Park
NN3 6QF Northampton
United Kingdom
Tel. +44 (0)1604 648 229
info@hunterdouglas.co.uk
www.hunterdouglas.co.uk