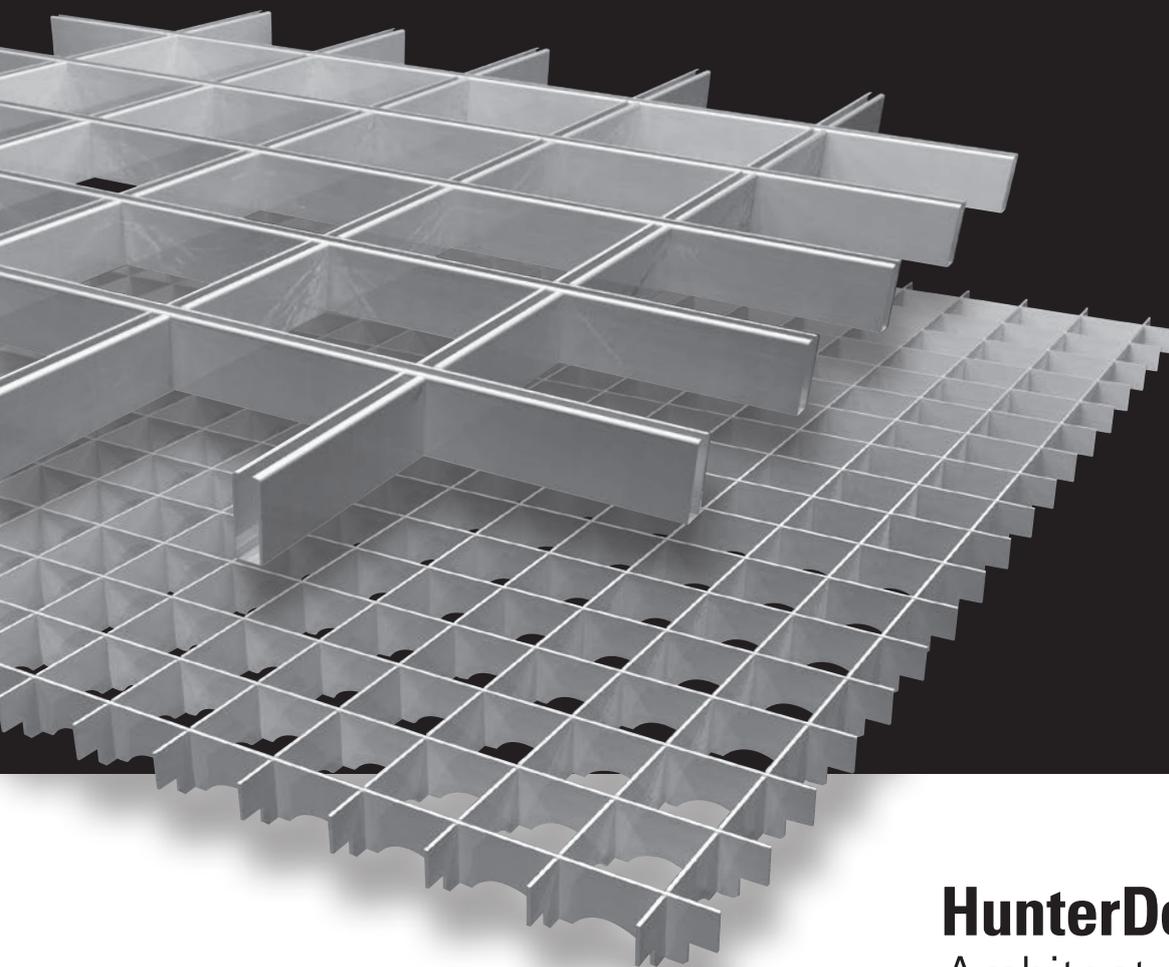


Cell 40 Ceiling

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

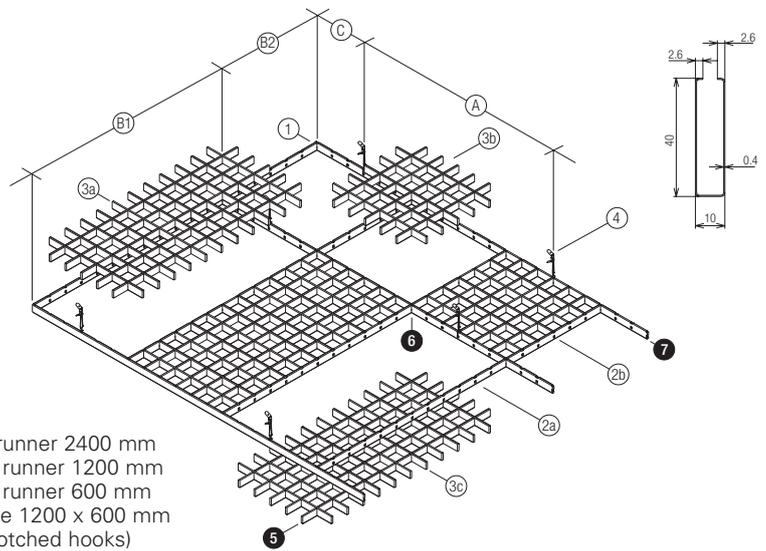
Cell 40

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

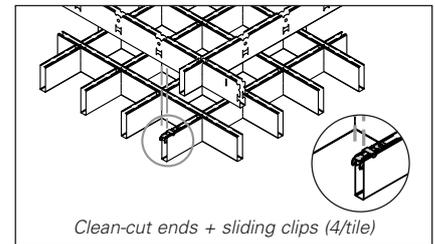
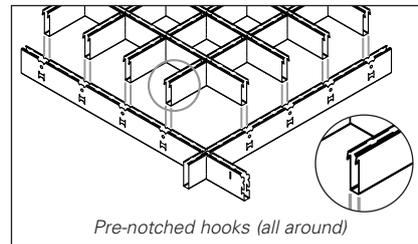
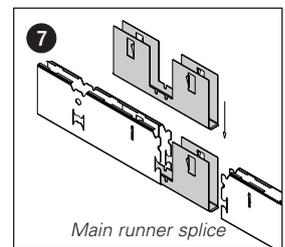
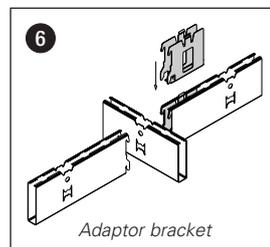
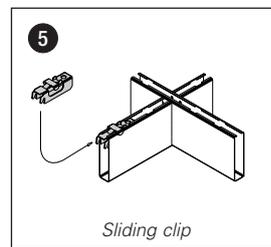
- A = 1200 mm (max.)
- B1 = Tile length (standard 1200)
- B2 = Tile length (standard 600)
- C = 300 mm (max.)

CONSTRUCTION DETAILS

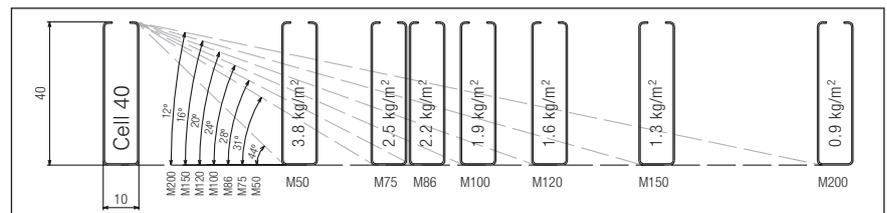
The panel ends can be used in two different installation options:

- 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.

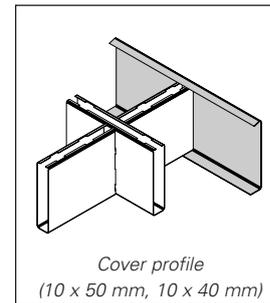
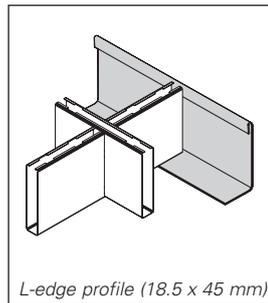
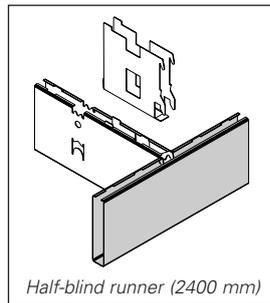
* only for tiles with straight ends

	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

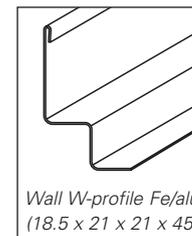
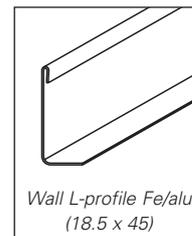
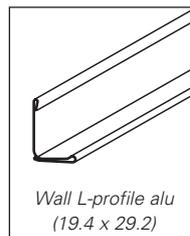
Perimeter

STANDARD PERIMETER OPTIONS

Cell 40



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, and EN 13523 Series).

- 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

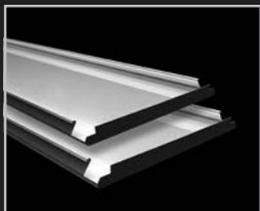
As a member of the Technical Association of Industrial Metal Ceiling Manufacturers (TAIM), Hunter Douglas complies with tolerance criteria as specified in the TAIM Quality standards for metal ceilings.

- Fire Behaviour

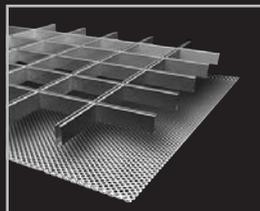
Hunter Douglas metal suspended ceilings are classified A2,s1,d0 according to EN 13501-1, and therefore will not contribute to fires. Hunter Douglas Open Cell creates a ceiling through which large amounts of air and or smoke can be extracted, a distinct advantage in escape routes where the clearest visibility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

- Plenum Accessibility

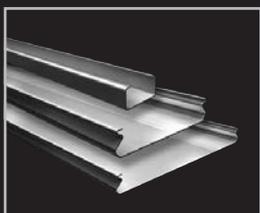
Hunter Douglas Cell Ceiling systems allow for easy (de)mounting of the panels. The standard panels are easily lifted upwards and removed, allowing full access to systems and installations in the plenum. The minimum free space for comfortable (de)mounting is 130 mm. The swing-down systems allow for (de)mounting 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.



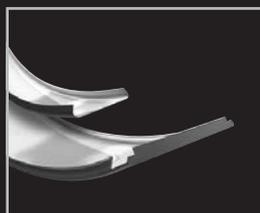
Wide Panel



Cell | Stretch metal



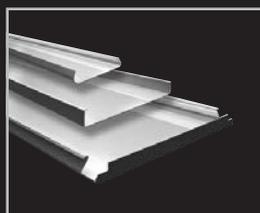
Linear



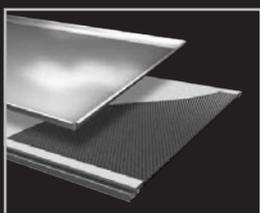
Curved



Screen



Exterior



Tiles | XLnt panel

- 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



Produced by
Hunter Douglas
Ceiling Center



Hunter Douglas Architectural

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