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.
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-enamed in a continuous coil-coating process to ensure uniform thickness and absolute adhesion.

EASY PLENUM ACCESS
The panels can be easily (de)mouted by hand, allowing for full interaction with systems and installation in the plenum.
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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**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.
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.

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.

MATERIAL REQUIREMENT PER M²
Edge profile type and quantity is subject to individual project requirements.
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.

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
(THE PANELS ARE ASSEMBLED FROM ALUMINIUM U-PROFILE S TO CREATE AN INTEGRATED SYSTEM.)

MATERIAL REQUIREMENT PER M²
Edge profile type and quantity is subject to individual project requirements.

* only for tiles with straight ends

<table>
<thead>
<tr>
<th>Module</th>
<th>Height</th>
<th>Cell 40 Tile 1200 x 600</th>
<th>Cell 40 Tile 600 x 600</th>
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<tr>
<td>50 x 50</td>
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<td>86 x 86</td>
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<td>100 x 100</td>
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<td>2.78</td>
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<td>120 x 120</td>
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</tr>
<tr>
<td>200 x 200</td>
<td>40</td>
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<td>1.39</td>
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</tbody>
</table>
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

**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.

<table>
<thead>
<tr>
<th>Module</th>
<th>Height</th>
<th>100 x 100</th>
<th>50</th>
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<tbody>
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<td>120 x 120</td>
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</tr>
<tr>
<td>75 x 75</td>
<td>50</td>
<td>150 x 150</td>
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</tr>
<tr>
<td>86 x 86</td>
<td>50</td>
<td>200 x 200</td>
<td>50</td>
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</tbody>
</table>

**MATERIAL REQUIREMENT PER M²**
Edge profile type and quantity is subject to individual project requirements.
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.

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.

MATERIAL REQUIREMENT PER M²
Edge profile type and quantity is subject to individual project requirements.
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.

Designed to work for you

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.

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.

Learn More

- Contact our Sales office
- www.hunterdouglasarchitectural.eu

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

Wide Panel

Linear

Cell | Stretch metal

Baffles

Curved

Tiles | Planks | XLnt

Exterior