Cell 50 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.
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**
\(\text{(Availability)}\)
Tiles are made from 0.5 mm thick aluminium strip.

<table>
<thead>
<tr>
<th>Module</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 x 50</td>
<td>50</td>
</tr>
<tr>
<td>75 x 75</td>
<td>50</td>
</tr>
<tr>
<td>86 x 86</td>
<td>50</td>
</tr>
</tbody>
</table>

**MATERIAL REQUIREMENT PER M\(^2\)**
Edge profile type and quantity is subject to individual project requirements.

<table>
<thead>
<tr>
<th>Unit</th>
<th>Cell 50 Tile 1200 x 600</th>
<th>Cell 50 Tile 600 x 600</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cell 50 tiles</td>
<td>pcs</td>
<td>1.39</td>
</tr>
<tr>
<td>Main Runners 2400</td>
<td>lm</td>
<td>0.83</td>
</tr>
<tr>
<td>Cross Runners 1200</td>
<td>lm</td>
<td>1.67</td>
</tr>
<tr>
<td>Cross Runners 600</td>
<td>lm</td>
<td></td>
</tr>
<tr>
<td>Sliding Clips/Brackets</td>
<td>pcs</td>
<td>5.66</td>
</tr>
<tr>
<td>Splices</td>
<td>pcs</td>
<td>0.35</td>
</tr>
<tr>
<td>Cell Hangers</td>
<td>pcs</td>
<td>0.69</td>
</tr>
</tbody>
</table>
Perimeter

STANDARD PERIMETER OPTIONS
Cell 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, and EN 13523 Series).

- **Coating**
  The tough and durable 2-layer polyester finish in a nominal thickness of 20 microns is stove enamelled 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 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.