Wide Panel 300C/L Bandraster

Hunter Douglas Wide Panel Ceilings enables the architect to design a closed ceiling with high performance aluminium or steel materials. In order to give maximum freedom in design there is a wide choice in panels with soft edges for a monolithic ceiling appearance or panels with square edges which results in a smooth ceiling with a narrow butt joint.
300C/L Bandraster

PANELS
300C/L Lay-on panels (1) designed to be installed on bandraster profiles (2).

SUSPENSION
The panels have straight upstands at the panel ends. When accessing the plenum the panels can be lifted and stacked onto adjacent installed panels to avoid having to lower the panels down to the floor.

CONSTRUCTION DETAILS
L or W steel edge profiles can be used as perimeters.

MAXIMUM SPANS

<table>
<thead>
<tr>
<th>Panel type</th>
<th>Profile Span</th>
<th>Panel Span</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alu 0.7/Steel 0.6</td>
<td>Non Hunter Douglas</td>
<td>2400</td>
</tr>
</tbody>
</table>

DIMENSIONS & WEIGHTS
Panels from 250-1000 mm are available on request. Weight based on 2400 mm panels including sub-structure.

<table>
<thead>
<tr>
<th>Panel</th>
<th>Width</th>
<th>Min. length</th>
<th>Max. length</th>
<th>Weight/m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alu 0.7</td>
<td>300</td>
<td>1000</td>
<td>2400</td>
<td>3.5 kg</td>
</tr>
<tr>
<td>Steel 0.6</td>
<td></td>
<td></td>
<td></td>
<td>7.0 kg</td>
</tr>
</tbody>
</table>

MATERIAL REQUIREMENT PER M²
Requirements are based on using panels with a length of 2400 mm.

<table>
<thead>
<tr>
<th>Unit</th>
<th>300C/L Bandraster system</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panels</td>
<td>lm</td>
</tr>
<tr>
<td>Bandraster profile (non HD)</td>
<td>lm</td>
</tr>
</tbody>
</table>
PERFORATION OPTIONS

Panels can be supplied perforated with a Ø of 1.5 or 2.0 mm (open area of 23% and 16%). As a standard feature, perforated panels are supplied with a sound absorbing non-woven tissue glued into the panel for enhanced acoustical performance.

- Curve 1 \( \alpha_S \) 300C/L

Ø 2.0 mm perforated panels, provided with 0.2 mm thick, black non-woven acoustic tissue glued over the whole perforated area. Plenum depth is 400 mm.

- Curve 2 \( \alpha_S \) 300C/L

Ø 1.5 mm perforated panels, provided with 0.2 mm thick, black non-woven acoustic tissue glued over the whole perforated area. Plenum depth is 400 mm.

- Curve 3 \( \alpha_S \) 300C/L

Ø 1.5 mm perforated panels, provided with 0.2 mm thick, black non-woven acoustic tissue glued over the whole perforated area plus 25 mm thick mineral wool pad with a density of 16 kg/m³. Plenum depth is 400 mm.

Note: Panels have a nominal plain border of 8.5 mm along the longitudinal panel direction in order to assure maximum flatness and product stability.

\( \alpha_S \) = sound absorption degree: an absorption of 1.0 indicates a 100% absorption of sound.

SOUND ABSORPTION DATA 300C/L

The 300C Wide Panel ceilings were tested by TNO Delft (The Netherlands), an independent official testing institute. Report no.: TPD-HAG-RPT-94-0037

300L panel due to shape similar performance as 300C panel.