Wide Panel 300C/L C-Grid

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 C-grid

PANELS
The system consists of C-grid sections installed unidirectional or in a grid pattern. The panels (1) have a flange on each side and are laid in between the C-grid sections (2).

SUSPENSION
The suspension structure consists of exposed C-grid sections (2) which are installed parallel to each other to form a continuous main support. These are cross braced by primary angles (3) to ensure the spacing between the sections. A square grid system can be made by incorporating C-grid cross members that are butt joined against the main section. The cross connector (9) ensures a close fit at the junction points.

CONSTRUCTION DETAILS
A standard range of steel edge profiles can be used as perimeters.

MAXIMUM SPANS
Consult Hunter Douglas for your exact requirements.

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

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

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.