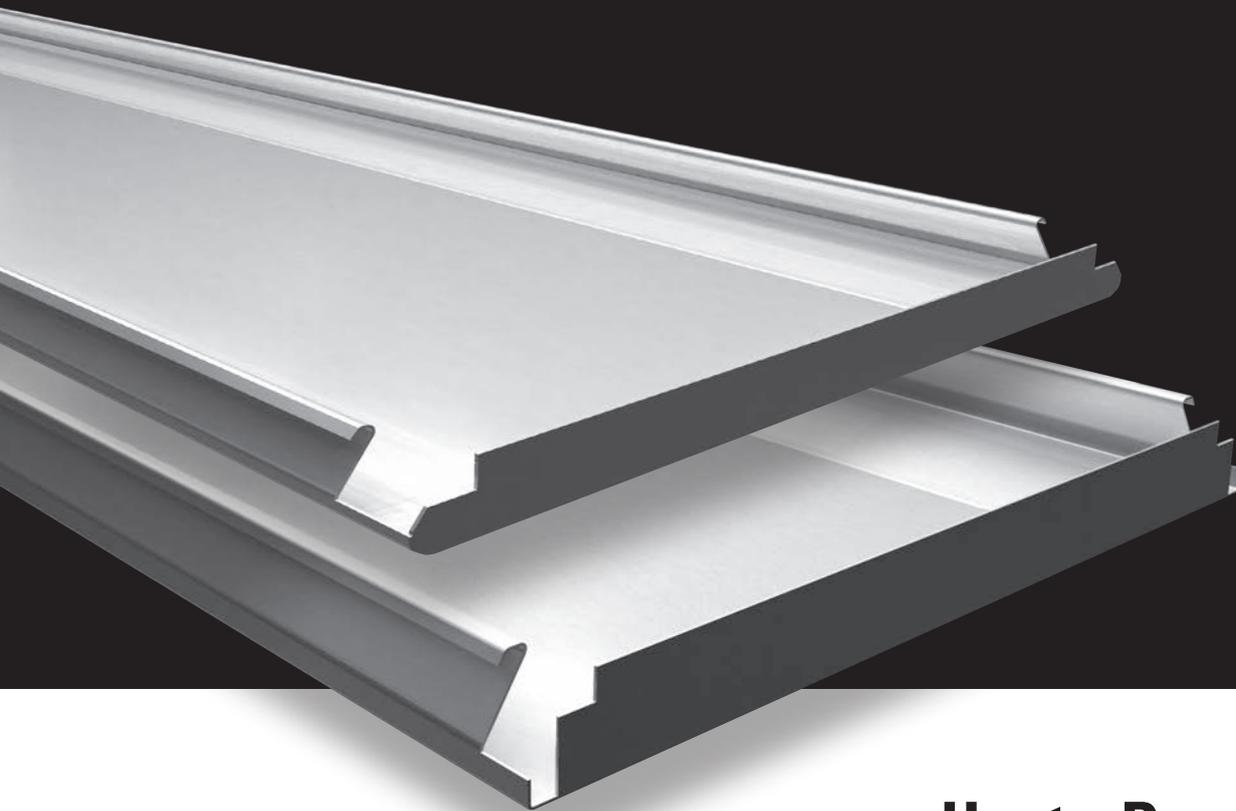


Wide Panel 300C/L C-Grid

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.



HunterDouglas 
Architectural

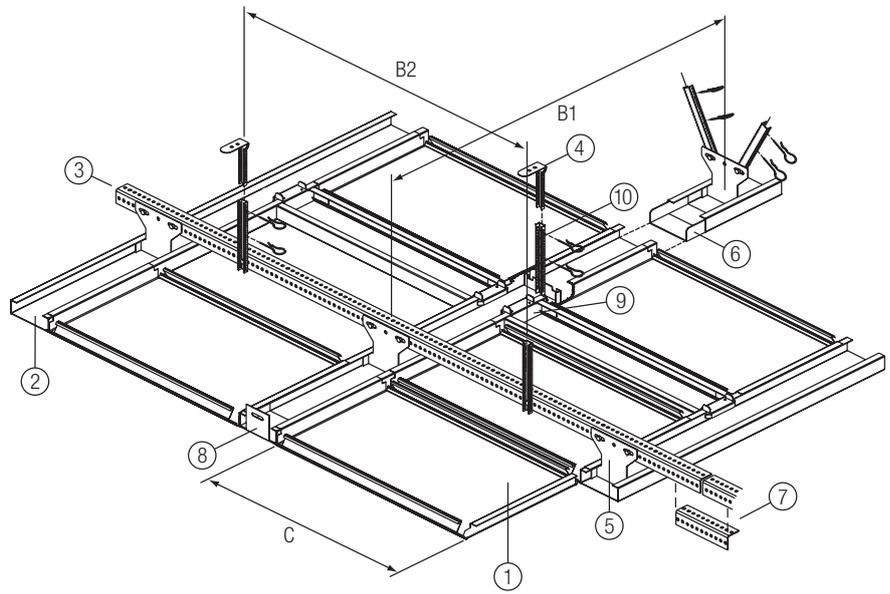
300C/L C-grid

PANELS

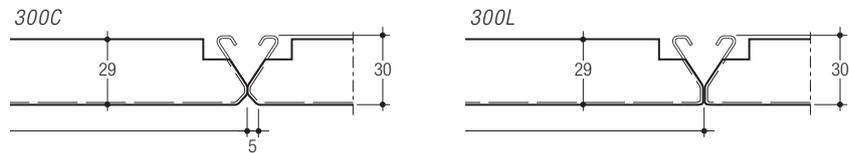
The system consists of C-grid sections installed unidirectional or in a grid pattern. The panels (1) have a flange on each side and are laid in between the C-grid sections (2).

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.

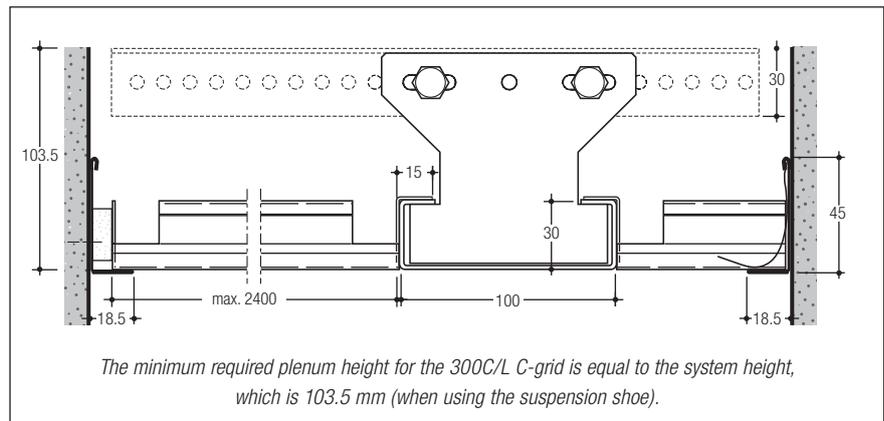


- 1 = C-grid panel
- 2 = C-grid
- 3 = primary angle
- 4 = nonius hanger + locking clips
- 5 = C-grid suspension shoe
- 6 = C-grid splice
- 7 = primary angle splice
- 8 = C-grid wall bracket
- 9 = C-grid cross connector
- 10 = C-grid nonius hanger



CONSTRUCTION DETAILS

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



MAXIMUM SPANS

Consult Hunter Douglas for your exact requirements.

Panel type	Profile Span		Panel Span	
	B1	B2	300C C	300L C
Alu 0.7/Steel 0.6	1250	1450	2400	1800

DIMENSIONS & WEIGHTS

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

Panel	Width	Min. length	Max. length	Weight/m ²
Alu 0.7	300	1000	2400/1800	4.1 kg
Steel 0.6				7.3 kg

MATERIAL REQUIREMENT PER M²

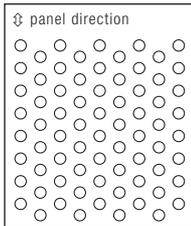
Requirements are based on using panels with a length of 2400 mm (unidirectional).

	Unit	300C/L C-grid system
Panels	lm	3.33
C-grid	lm	0.42
C-grid splice	pcs	0.08
Primary angle	lm	0.80
Angle splice	pcs	0.16
Suspension	pcs	0.55
Suspension shoe	pcs	0.33

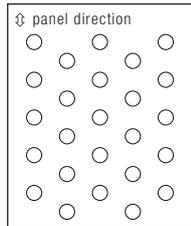
Acoustics

PERFORATION OPTIONS

Panels can be supplied perforated with a \varnothing 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.

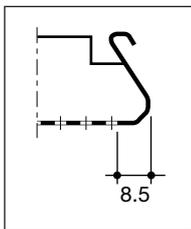


D1523
 \varnothing 1.5 mm
 23% open area
 Δ 3 mm



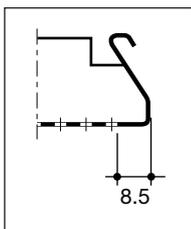
D2016
 \varnothing 2.0 mm
 16% open area
 Δ 5 mm

300C



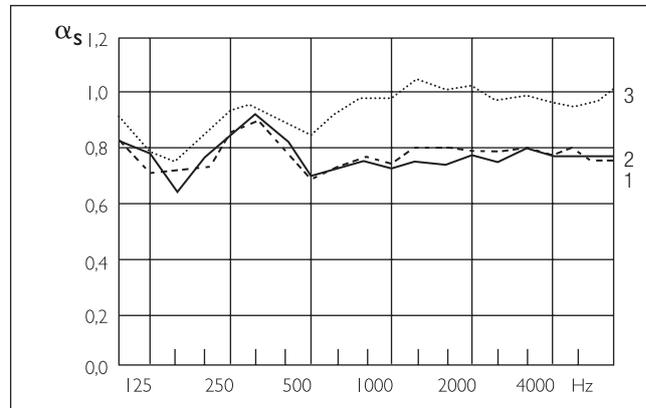
Note: Panels have a nominal plain border of 8.5 mm along the longitudinal panel direction in order to assure maximum flatness and product stability.

300L



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.

SOUND ABSORPTION DATA 300C/L



300C/L

α_s = sound absorption degree:
 an absorption of 1.0 indicates a 100% absorption of sound.

- Curve 1 α_s 300C/L

\varnothing 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 α_s 300C/L

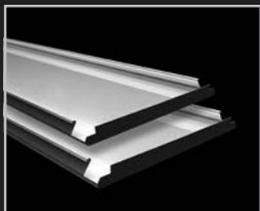
\varnothing 1.5 mm perforated panels, provided with 0.2 mm thick, black non-woven acoustic tissue glued over the whole perforated area. Plenum depth is 400 mm.

- Curve 3 α_s 300C/L

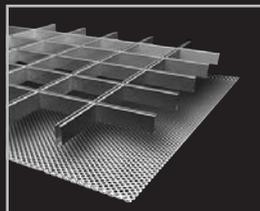
\varnothing 1.5 mm perforated panels, provided with 0.2 mm thick, black non-woven acoustic tissue glued over the whole perforated area plus 25 mm thick mineral wool pad with a density of 16 kg/m³. Plenum depth is 400 mm.

Freq. Hz.	125	250	500	1000	2000	4000	α_w
Curve 1	0.70	0.81	0.69	0.77	0.79	0.79	0.75(L)
Curve 2	0.68	0.83	0.70	0.74	0.76	0.78	0.75(L)
Curve 3	0.79	0.93	0.84	0.99	1.01	0.96	-

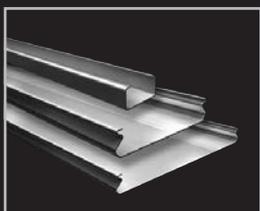
*The 300C Wide Panel ceilings were tested by TNO Delft (The Netherlands), an independent official testing institute. Report no.: TPD-HAG-RPT-94-0037
 300L panel due to shape similar performance as 300C panel.*



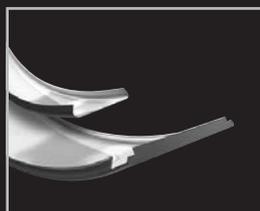
Wide Panel



Cell | Stretch metal



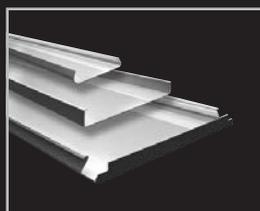
Linear



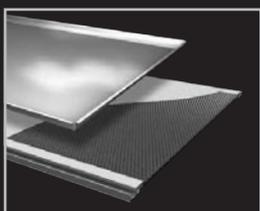
Curved



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



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