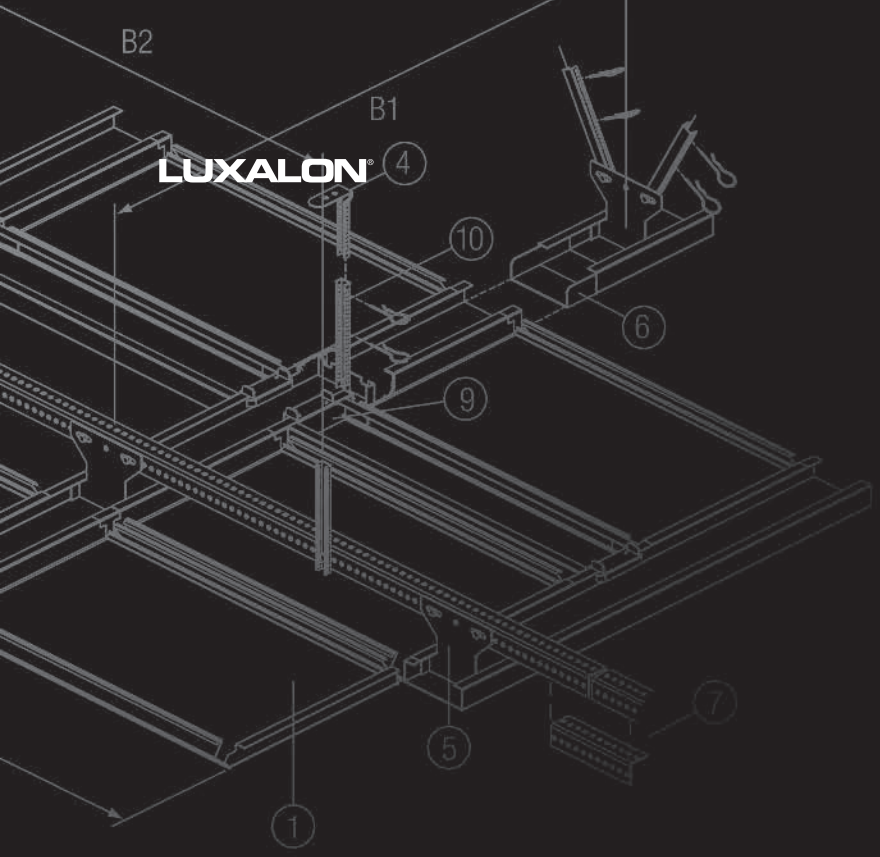
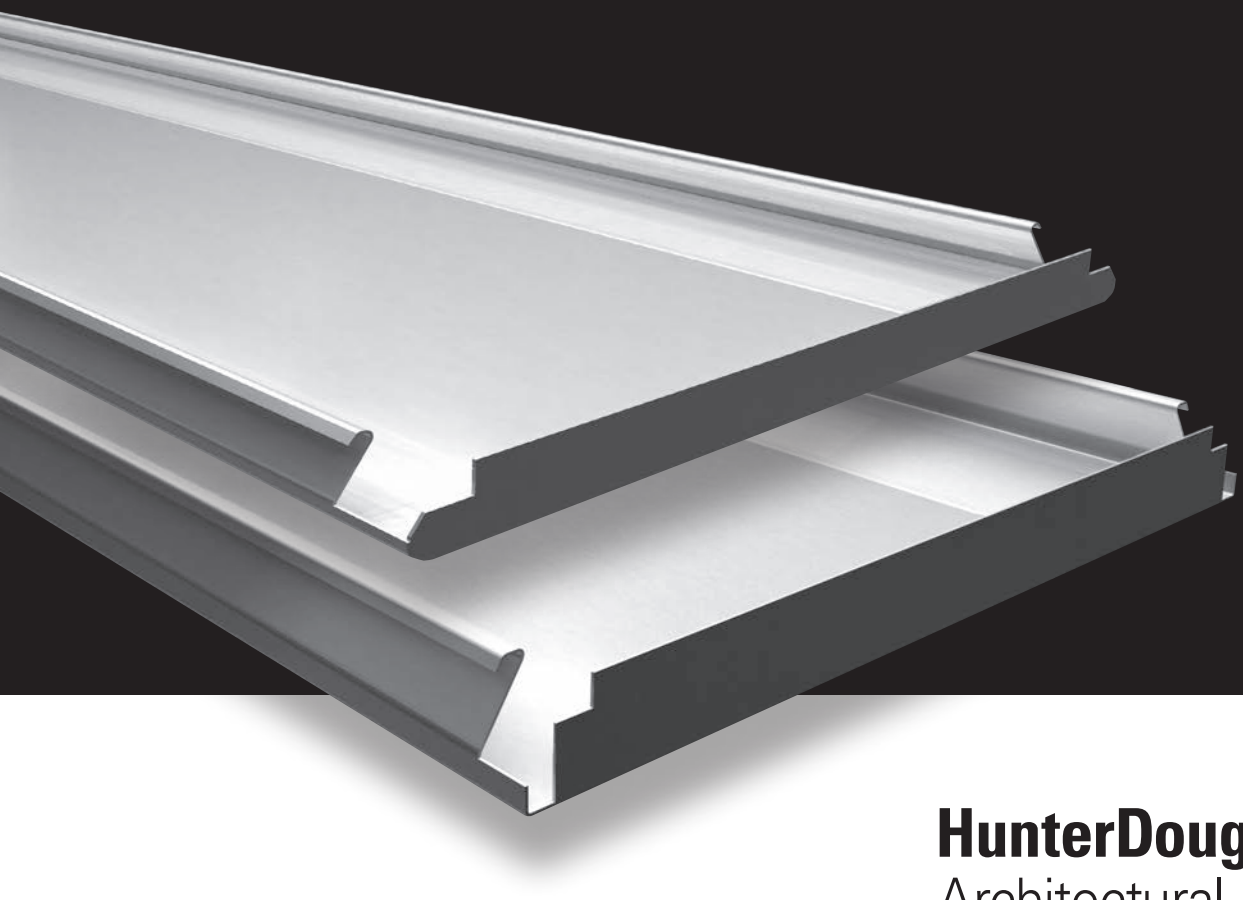


Wide Panel 300C/L Lay-On

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

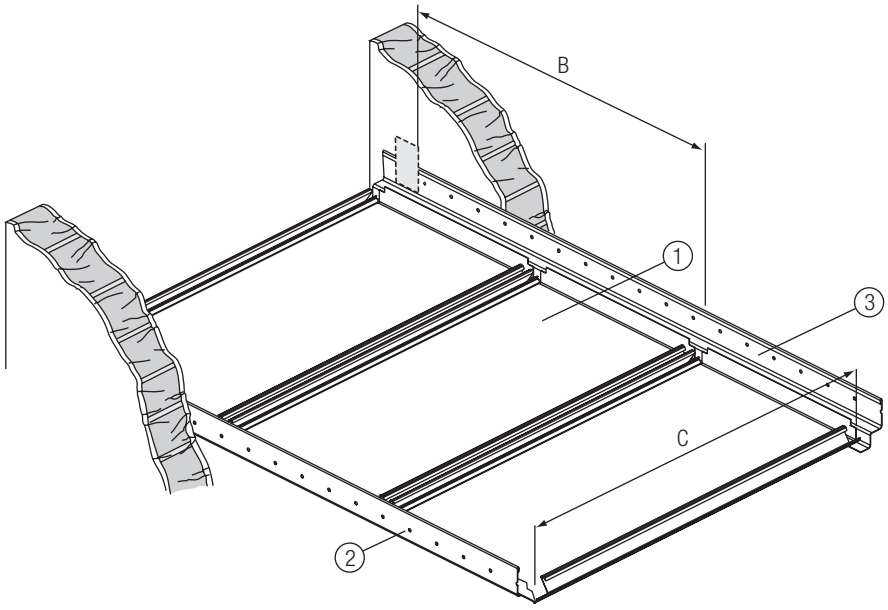
300C/L Lay-on

PANELS

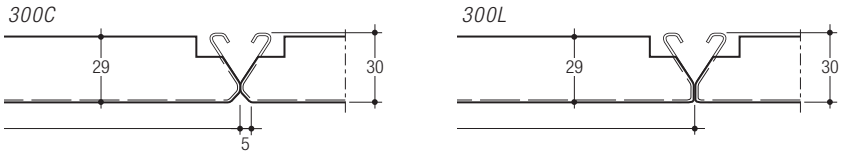
300C/L Lay-on panels are designed to be installed on wall angles.

SUSPENSION

The panels are supported at their ends by wall angle profiles (2 & 3). 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.

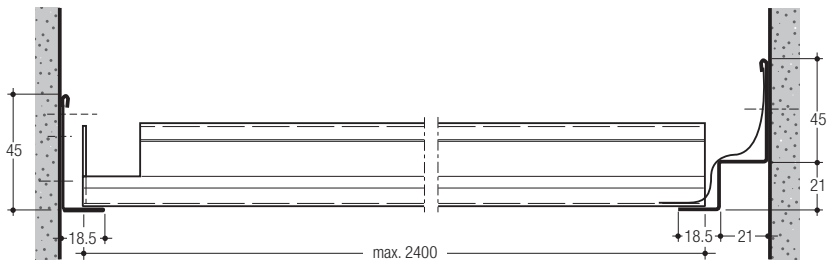


1 = lay-on panel
2 = wall L-profile
3 = wall W-profile



CONSTRUCTION DETAILS

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



A clear plenum space of 70 mm is required for installing and demounting the panels

MAXIMUM SPANS

Panel type	Panel Span C	Fixing distance	
		B with fixing piece	B direct fixed
Alu 0.7	2400	700	300
Steel 0.6	2400	500	300

DIMENSIONS & WEIGHTS

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

Panel	Width	Min. length	Max. length	Weight/m²
Alu 0.7	300	1000	2400	2.5 kg
Steel 0.6				6.0 kg

MATERIAL REQUIREMENT PER M²

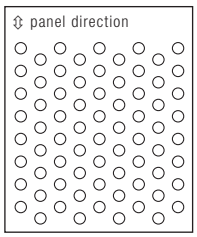
Requirements are based on using panels with a length of 2400 mm.

	Unit	300C/L Lay-on system
Lay-on panels	lm	3.33
Wall profile	lm	0.83

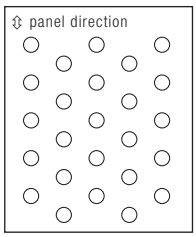
Acoustics

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.

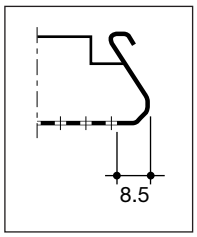


D1523
Ø 1.5 mm
23% open area
Δ 3 mm



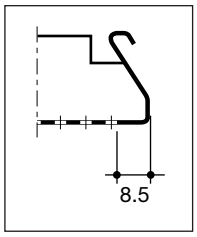
D2016
Ø 2.0 mm
16% open area
Δ 5 mm

300C



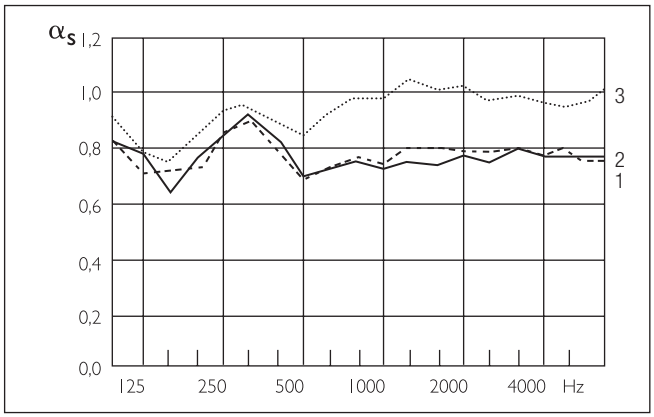
Note: Panels have a nominal plain border of 8.5 mm along the longitudinal panel direction in order to assure maximum flatness and product stability.

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

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 α_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.

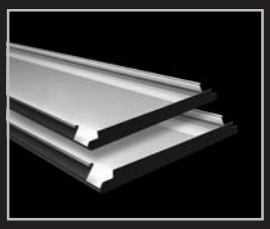
- Curve 3 α_S 300C/L

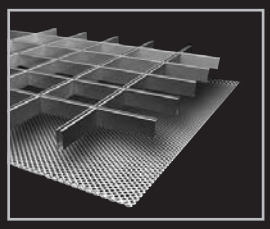
Ø 1.5 mm perforated panels, provided with 0.2 mm thick, black non-woven acoustic tissue glued over the whole perforated area plus 25 mm thick mineral wool pad with a density of 16 kg/m^3. Plenum depth is 400 mm.

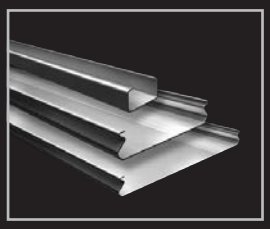
Freq. Hz.	125	250	500	1000	2000	4000	α_w
Curve 1	0.70	0.81	0.69	0.77	0.79	0.79	0.75(L)
Curve 2	0.68	0.83	0.70	0.74	0.76	0.78	0.75(L)
Curve 3	0.79	0.93	0.84	0.99	1.01	0.96	-

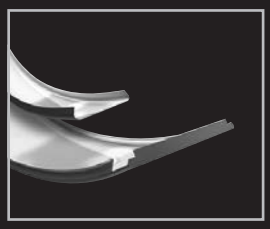
The 300C Wide Panel ceilings were tested by TNO Delft (The Netherlands), an independent official testing institute. Report no.: TPD-HAG-RPT-94-0037
300L panel due to shape similar performance as 300C panel.

HunterDouglas
Architectural

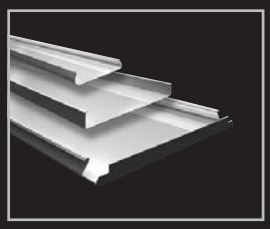

Wide Panel

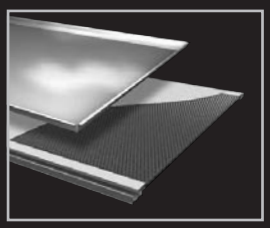

Cell | Stretch metal


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

Hunter Douglas Architectural
Piekstraat 2
P.O. Box 5072 - 3008 AB Rotterdam
The Netherlands
Tel. +31 (0)10 - 486 99 11
Fax +31 (0)10 - 484 79 10
www.hunterdouglasarchitectural.eu