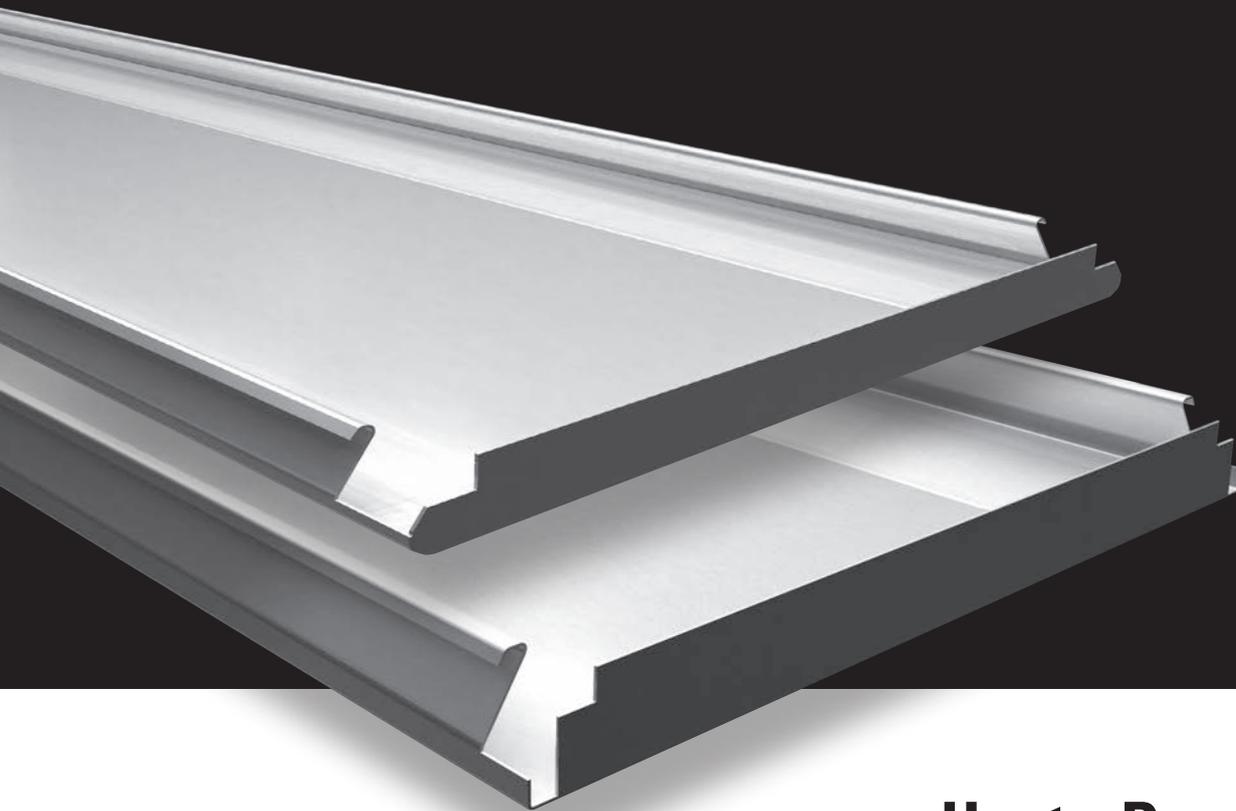


# Wide Panel 300C/L Carrier

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 Carrier

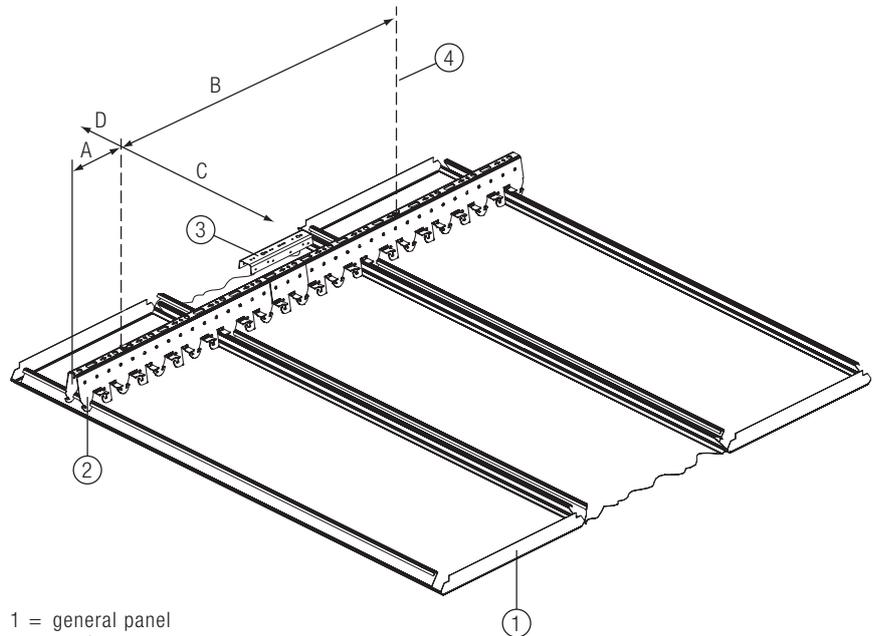
## PANELS

The panels can simply be fixed on the carrier (2) by hanging one side of the panel on the prongs of the carrier and pressing the other side with an upward movement.

Integrated locking clips onto the carrier can be used to lock adapter panels. This system is also available for exterior use.

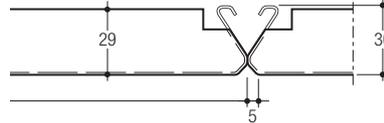
## SUSPENSION

The panels are fixed to a carrier which allows for all panels to be removed individually. By keeping simultaneous pressure on the panel edge the panels can be moved down of the carrier.

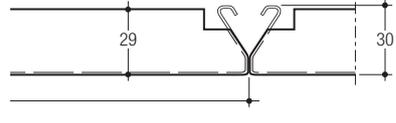


- 1 = general panel
- 2 = carrier
- 3 = carrier splice
- 4 = hanger

300C

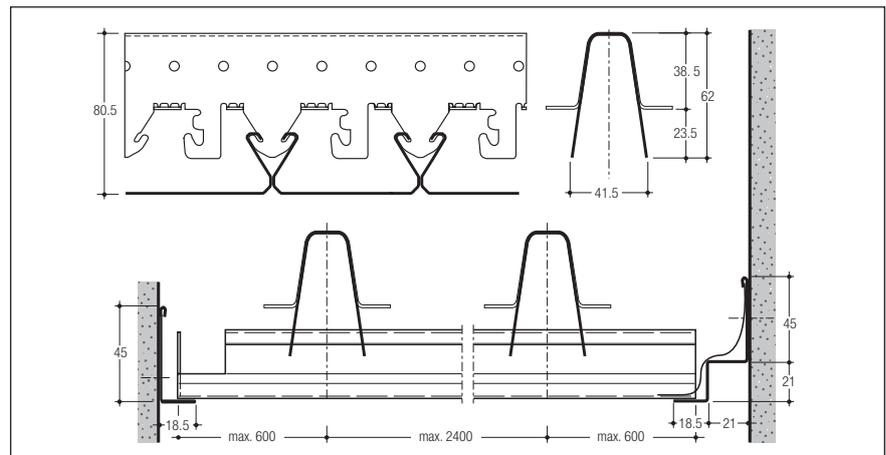


300L



## CONSTRUCTION DETAILS

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



## MAXIMUM SPANS

Panel type	Carrier Span				Panel Span			
	Steel 1.0		Alu 0.95		300C		300L	
	A	B	A	B	C	D	C	D
Alu 0.7	300	2000	300	1450	2400	600	1800	300
Steel 0.6	300	1600	N.A.	N.A.	2400	600	1800	300

## 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 <sup>2</sup>
Alu 0.7	300	1000	6000	2.9 kg
Steel 0.6				6.4 kg

## MATERIAL REQUIREMENT PER M<sup>2</sup>

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

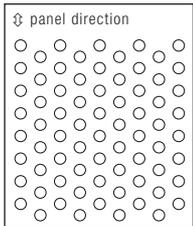
\* Depending on steel or alu carrier

	Unit	300C/L Carrier system
Panels	lm	3.33
Carrier	lm	0.42 / 0.56
Carrier splice	pcs	0.08 / 0.11
Suspension	pcs	variable: 0.21 - 0.37*

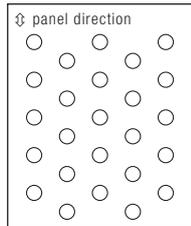
# Acoustics

## 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.

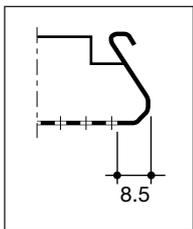


**D1523**  
 $\varnothing$  1.5 mm  
 23% open area  
 $\Delta$  3 mm



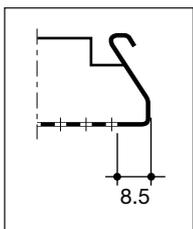
**D2016**  
 $\varnothing$  2.0 mm  
 16% open area  
 $\Delta$  5 mm

## 300C



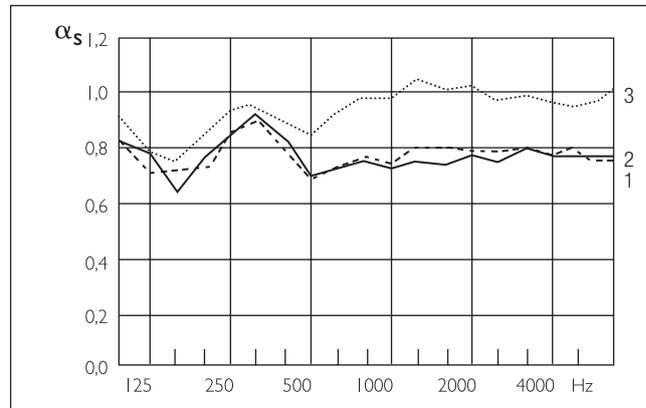
*Note: Panels have a nominal plain border of 8.5 mm along the longitudinal panel direction in order to assure maximum flatness and product stability.*

## 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

$\alpha_s$  = sound absorption degree:  
 an absorption of 1.0 indicates a 100% absorption of sound.

### - Curve 1 $\alpha_s$ 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 $\alpha_s$ 300C/L

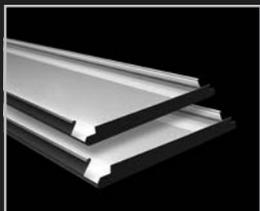
$\varnothing$  1.5 mm perforated panels, provided with 0.2 mm thick, black non-woven acoustic tissue glued over the whole perforated area. Plenum depth is 400 mm.

### - Curve 3 $\alpha_s$ 300C/L

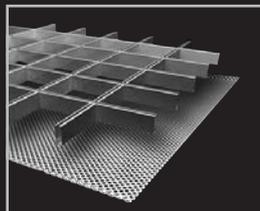
$\varnothing$  1.5 mm perforated panels, provided with 0.2 mm thick, black non-woven acoustic tissue glued over the whole perforated area plus 25 mm thick mineral wool pad with a density of 16 kg/m<sup>3</sup>. Plenum depth is 400 mm.

Freq. Hz.	125	250	500	1000	2000	4000	$\alpha_w$
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	-

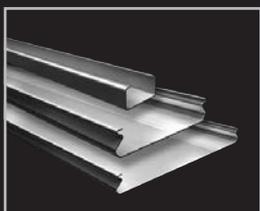
*The 300C Wide Panel ceilings were tested by TNO Delft (The Netherlands), an independent official testing institute. Report no.: TPD-HAG-RPT-94-0037  
 300L panel due to shape similar performance as 300C panel.*



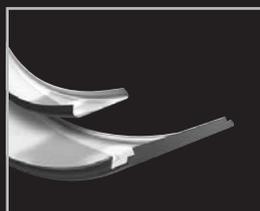
Wide Panel



Cell | Stretch metal



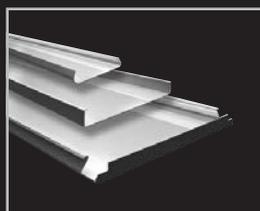
Linear



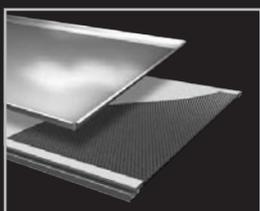
Curved



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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