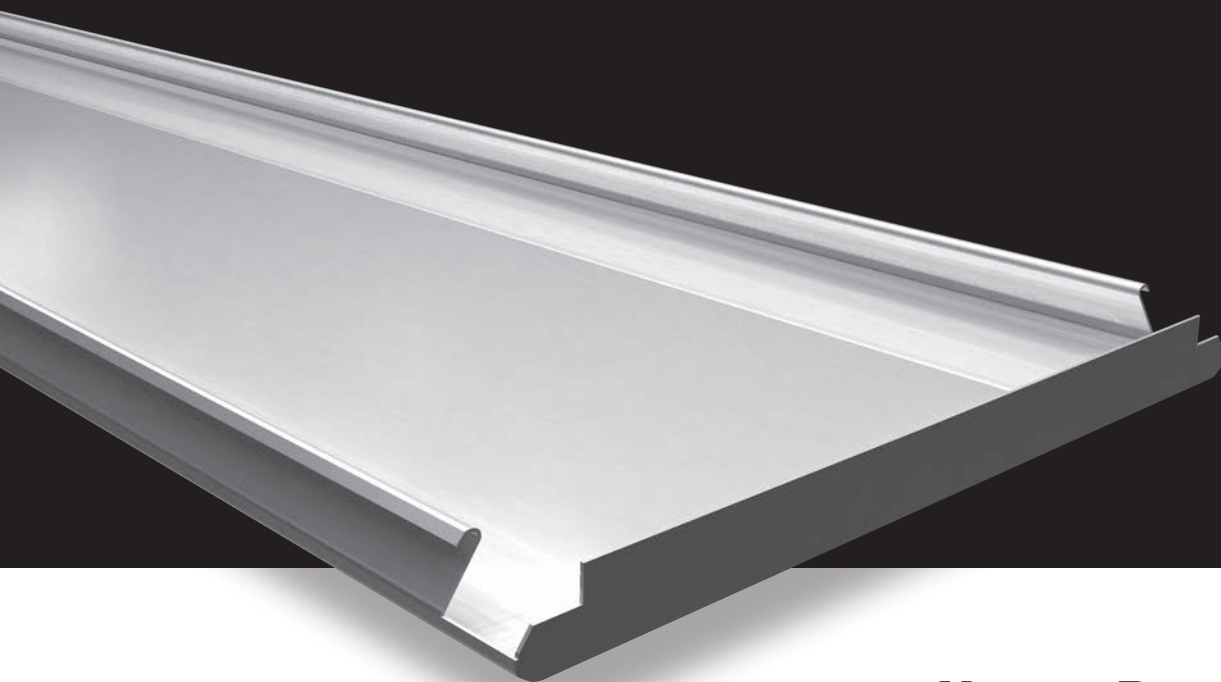


# Wide Panel 300C Clip-In

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

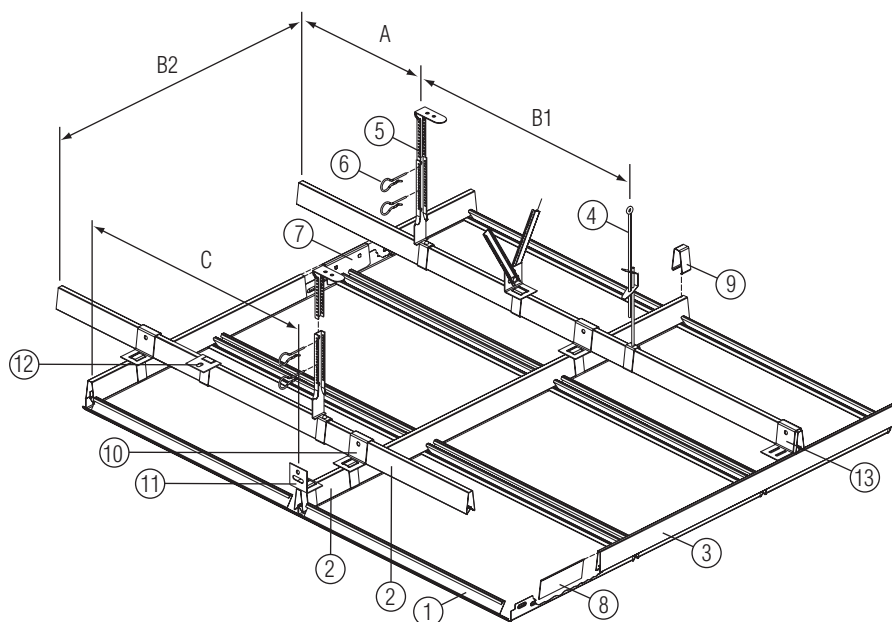
# 300C Clip-in

## PANELS

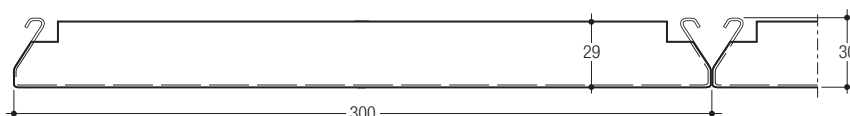
300C Clip-in panels (1) are produced with notches (dimple points) in the panel ends to ensure a positive lock into the Clip-in profile (2).

## SUSPENSION

The Clip-in suspension system (2) consists of an A-shaped profile which is used both as the upper primary support as well as the Clip-in profile support.



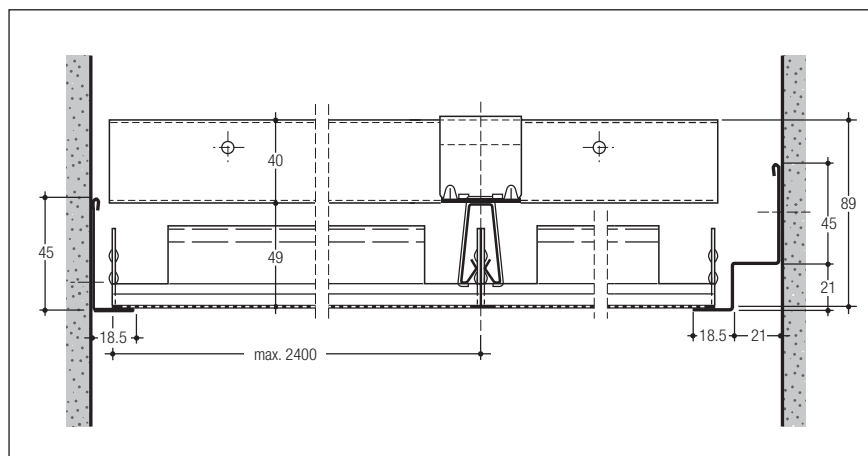
- |                            |                                   |                                     |
|----------------------------|-----------------------------------|-------------------------------------|
| 1 = clip-in panel          | 6 = locking clip                  | 11 = wall bracket                   |
| 2 = clip-in profile        | 7 = clip-in profile splice        | 12 = direct wall/ceiling bracket    |
| 3 = single clip-in profile | 8 = single clip-in profile splice | 13 = single clip-in cross connector |
| 4 = rod hanger             | 9 = standard end clamp            |                                     |
| 5 = nonius hanger          | 10 = clip-in cross connector      |                                     |



## CONSTRUCTION DETAILS

Hanger systems may be used, including the rapid hanger system which allows for a quick and accurate ceiling alignment.

The standard range of Hunter Douglas steel edge profiles can be used as perimeters.



## MAXIMUM SPANS

Panel type	Clip-in Profile			Panel Span C
	A	B1	B2	
Alu 0.7/Steel 0.6	250	1250	1200	2400

## DIMENSIONS & WEIGHTS

Panels from 600-1000 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	2400	3.7 kg
Steel 0.6				7.7 kg

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

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

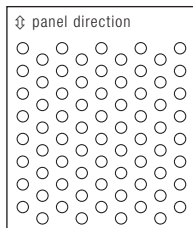
Edge profiles and other accessories depend on individual project requirements.

	Unit	300C Clip-in system
Panels	1m	3.33
Primary grid	1m	0.42
Secondary grid	1m	0.83
Clip-in profile connector	pcs	0.35
Clip-in profile splice	pcs	0.25
Suspension	pcs	0.67

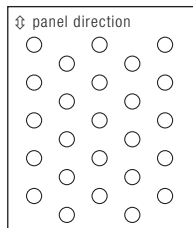
# Acoustics

## 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.

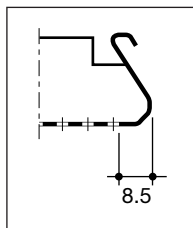


**D1523**  
 $\varnothing$  1.5 mm  
 23% open area  
 $\Delta$  3 mm



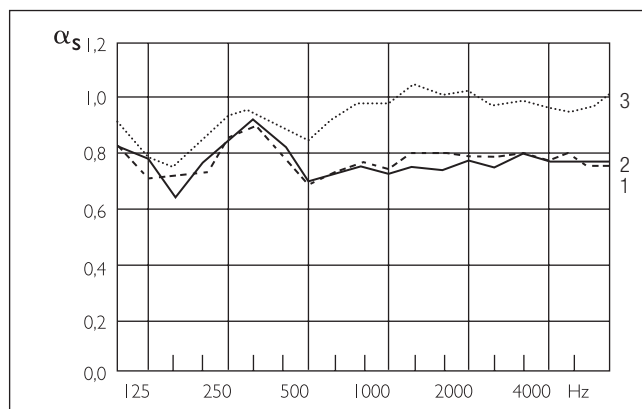
**D2016**  
 $\varnothing$  2.0 mm  
 16% open area  
 $\Delta$  5 mm

## 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.*

## SOUND ABSORPTION DATA 300C



**300C**

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

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

$\varnothing$  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

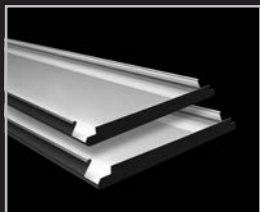
$\varnothing$  1.5 mm perforated panels, provided with 0.2 mm thick, black non-woven acoustic tissue glued over the whole perforated area. Plenum depth is 400 mm.

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

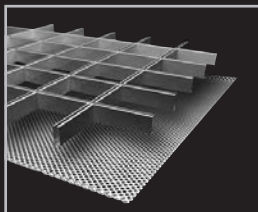
$\varnothing$  1.5 mm perforated panels, provided with 0.2 mm thick, black non-woven acoustic tissue glued over the whole perforated area plus 25 mm thick mineral wool pad with a density of 16 kg/m<sup>3</sup>. Plenum depth is 400 mm.

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	-

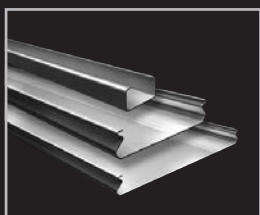
*The 300C Wide Panel ceilings were tested by TNO Delft (The Netherlands), an independent official testing institute. Report no.: TPD-HAG-RPT-94-0037*



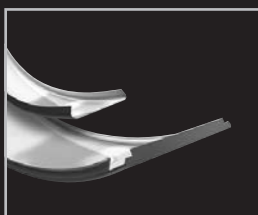
Wide Panel



Cell | Stretch metal



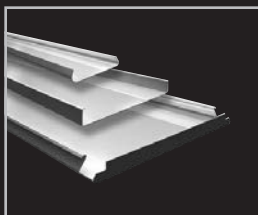
Linear



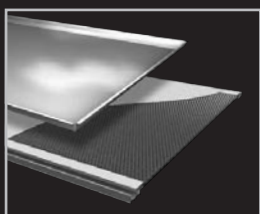
Curved



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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