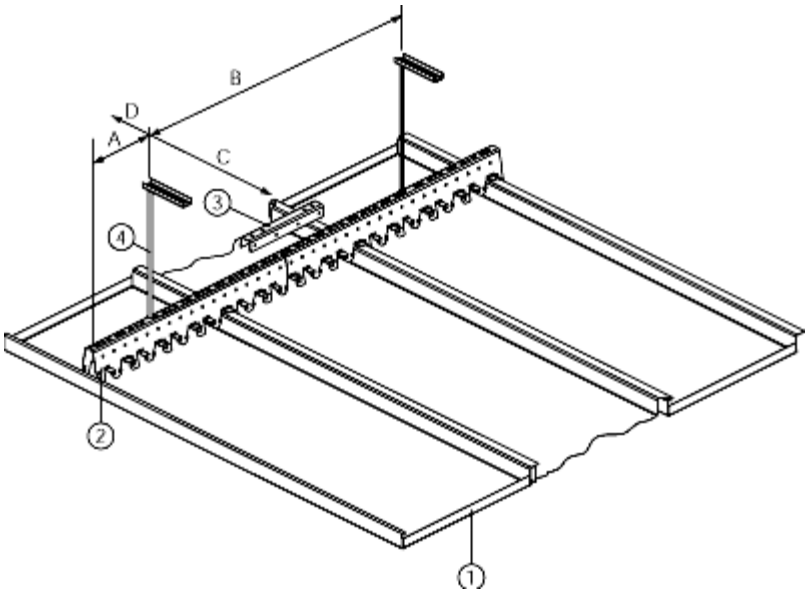
Construction Details - 300A

System overview

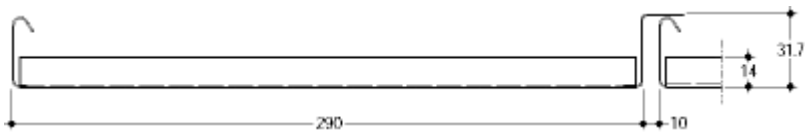


1 = 300A panel
2 = 300A carrier
3 = carrier splice
4 = rigid suspension

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

Characteristics

- Closed ceiling type in 300mm module with a 10x31mm recessed joint for an enhanced linear appearance.



- Panels are available as standard in steel (0.6mm) or aluminium (0.7mm)

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Dimensions & Weights

Panel	Module	Min. length	Max. length	Weight panels & carriers/m²*	
				Steel carrier	*Alu. carrier*
Alu 0.7	300	1000	6000	2.9 kg	2.6 kg
Steel 0.6				6.4 kg	N.A.

Panels from 250-1000 mm are available on request. ** Based on maximum panel span.*

- Panels can be supplied in any length up to 6000 mm (as standard) and are free spanning up to 2400mm length.
- Optimal acoustic control by using perforated panels with a non-woven textile membrane bonded to the inside face.
- Fire stable ceilings are possible with steel carriers, steel panels and steel edge profiles.
- Aluminium carriers in combination with aluminium panels and a special locking clip can also be used for exterior application.
- Easy demountable panels, which allows full access to services and equipment in plenum.
- Panels are lightweight yet strong, made from aluminium or steel which are both fully recyclable.
- Absence of dust retention and ease of cleaning make these panels ideal for any application where hygiene is important.
- Base Material: Luxalon® 300A panels are roll formed from 0.7 mm thick pre-painted stove enamelled aluminium strip or from 0.6 mm thick stove enamelled galvanised steel strip.
- Coating: the tough and durable 2-layer polyester finish in a nominal thickness of 20 microns, is stove enamelled in a continuous coil-coating process ensuring uniform coating thickness and absolute adhesion.
- Tolerances: as a member of the Technical Association of Industrial Metal Ceiling Manufacturers (TAIM-eV), Hunter Douglas complies with tolerance criteria as specified in chapter 4 of the TAIM Technical Manual on Metal Ceilings (THM) and the accompanying Quality Standards.

Fire behaviour

Suspended Luxalon® metal ceilings have a very limited contribution to a possible fire. They are classified according to EN 13501-1, class A2, s1, d0 for plain panels and perforated panels or class A2,s2,d0 for perforated panels with non-woven acoustic material. Further information is available on request.

Material per sqm

	Unit	300A Carrier system
Panels	lm	3.33
Carrier	lm	0.42
Carrier splice	pcs	0.08
Suspension	pcs	variable: 0.21 - 0.37*

** The required number of suspension points depends on the type of carrier and the panel material. Edge profiles depend on individual project requirements.*

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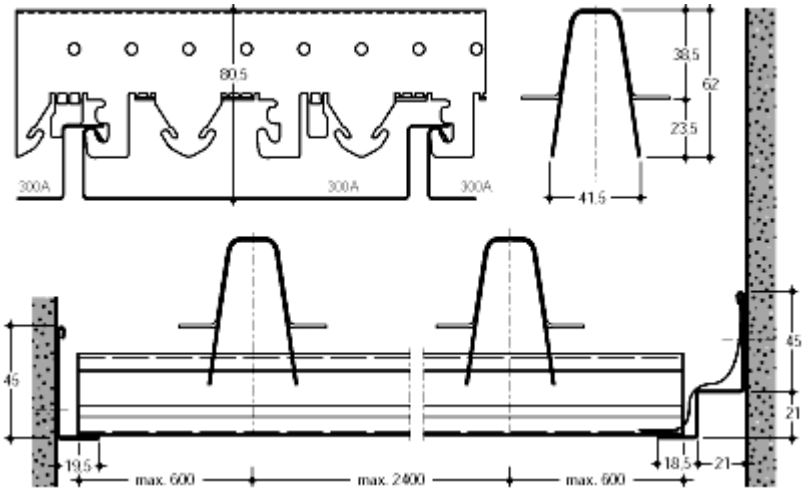
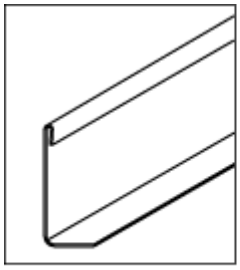
Construction details

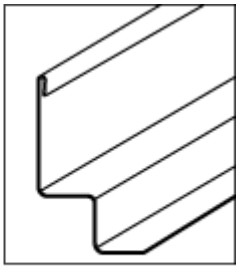


Edge profiles

Edge profiles available for Wide Panel 300A Carrier



Wall L-profile Fe/Alu
(45 x 18.5)



Wall W-profile Fe/Alu
(45 x 21 x 21 x 18.5)