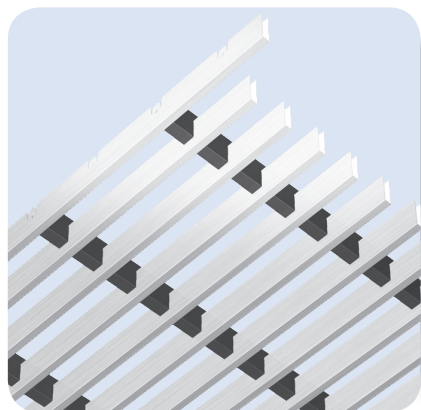


Grilam i open-cell ceiling

Double skin linear cell with integrated system



- Designed to be installed on an integrated grid.
- Gives the ceiling a linear appearance, since the U cross-elements are offset vertically. There is also the possibility of using black for an even more discreet effect.
- The grid has the same U profiles as the panel.

Key product features

Aesthetics: reinforced linear appearance

Aesthetics: conceals the plenum when viewed at an angle, while creating an impression of space and light

Practical: grid and panels supplied in kit format

Safety: high open area percentage for active fire protection systems

Ideal for: concourses in shopping malls.

Related systems

- OPEN-CELL CEILINGS
Linear cell
Double skin open-cell with integrated grid system GRILAM I
[PLAFOMETAL-OC-210]

Characteristics and performance



Indoor air quality
Class A+



Reaction to fire (according to EN 13501-1)
Euroclass A1



CE marking (according to EN 13964)
DoP no.: 0007-200



Active fire protection (according to EN 12845)

If sprinklers are fitted above an open-cell suspended ceiling, the total plan open area of the ceiling, including light fittings, must not be less than 70% of the ceiling plan area.

In practice, an air space ratio greater than 80% is frequently required for the ceiling elements.

Colors

- **Standard White (RAL 9003)**
Polyester prepainted
- **Metallic Gray (RAL 9006)**
Polyester prepainted
- **Black (RAL 9005)**
Polyester prepainted
- **Other colors subject to quantity**
Polyester prepainted

Dimensions & Packing

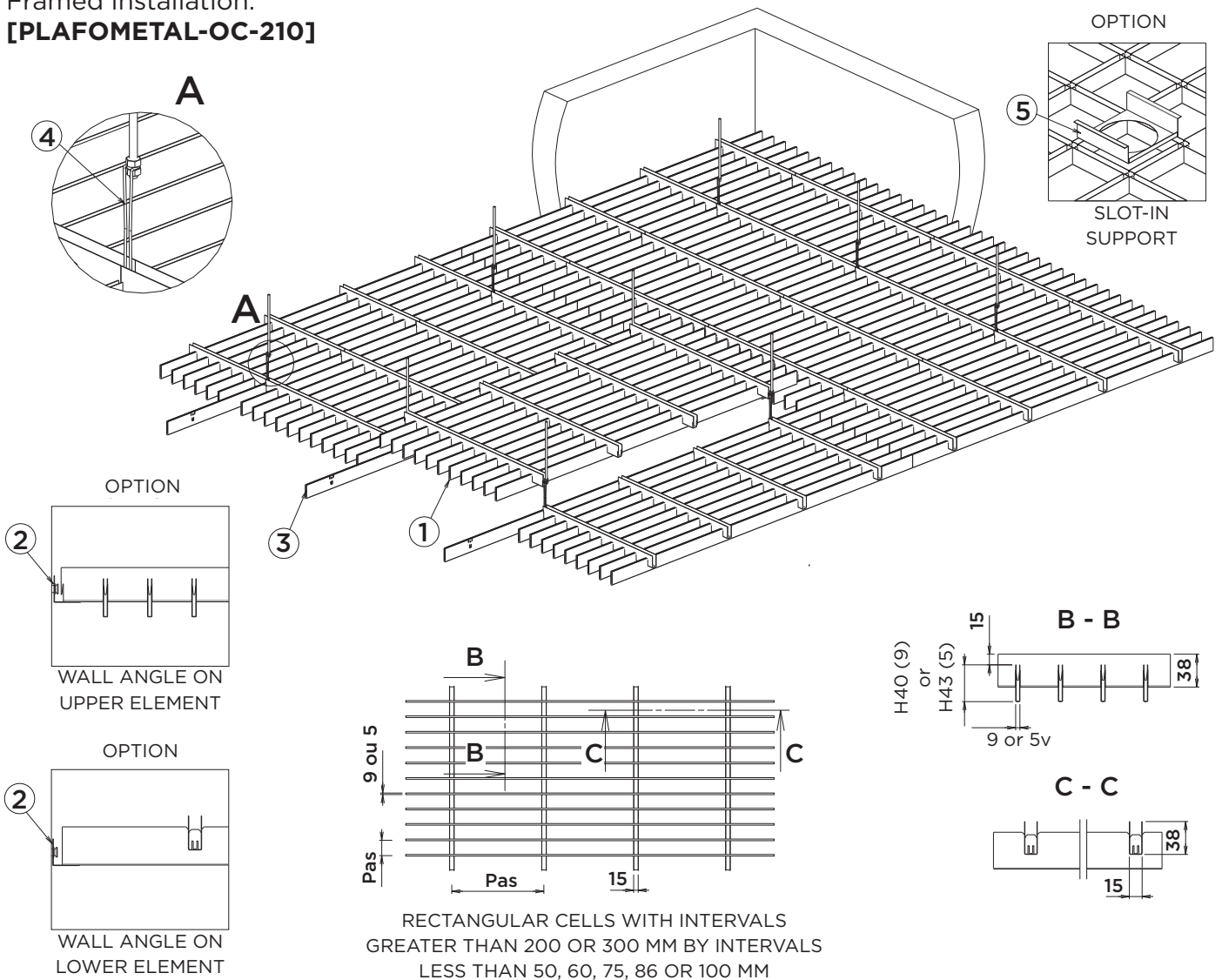
Dimensions (mm)			
Width	600		
Length*	1,200		
U element dimensions (upper and lower)	Open cell	Grilam i5	Grilam i9
	Width	Lower U = 5 mm Upper U = 15 mm	Lower U = 9 mm Upper U = 15 mm
	Height	43 mm	40 mm
Cell dimensions	Rectangular with intervals greater than 200 or 300 mm by intervals less than 50, 60, 75, 86 or 100 mm		
Air space ratio	Greater than 70% for all cell sizes in all models Greater than 80% for all cell sizes in Grilam i5 and from cell size 200 x 75 mm for Grilam i9		
Packaging for 100 x 200-mm cells			
Units/pack	9	9	
m ² /pack	6.48	6.48	
Packs/pallet	10	10	
Weight (gross kg/pack)	10	10	

Aluminum open cell (thickness 0.4 mm)

* Other dimensions on request

Grilam i open-cell ceiling

Framed installation:
[PLAFOMETAL-OC-210]



No.	Illustration	Article code	Component	Sales unit	Billing unit	Quantity (in billing units)
1		Contact us	Grilam i (600 x 1,200 mm)	Pack*	m ²	1
Option 2		L40AL	Alu L wall angle 40 x 20 mm leng. 3 m	Unit	lm	Depending on the perimeter
3		Contact us	U-section carrier profile leng. 2.4 lm	Included*	lm Included	1.68 Included
4		Contact us	Wire hanger	Included*	Unit Included*	1.4 Included
Option 5	/	SPOT	Slot-in support	Unit	Unit	/

*Kit delivered in several packs, including the open-cell panels and the necessary quantity of carriers, hangers for 6 mm diameter threaded rods and carrier connectors. Threaded rods and M6 nuts not supplied.

Installation according to DTU 58-1

Framed installation: hangers with 1,200 mm centers starting 300 mm from the wall, and U-section carriers with 600 mm centers.

Cut-outs: slot-in supports for spots, sprinklers or other fittings on request.

Installation in humid environments: particular precautions are required. It is important to determine the degree of corrosion exposure on a case-by-case basis. The contractor is responsible for submitting its plan to the client for approval. For more information, contact us.