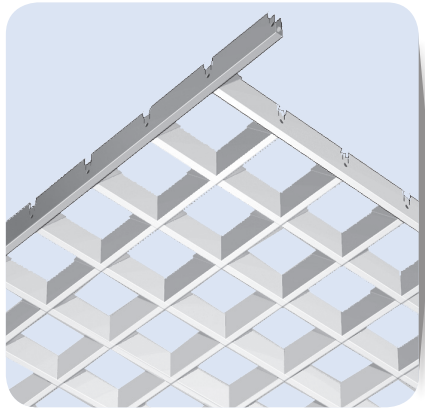


# Square i open-cell ceiling (Grilum)

Double skin cellular cell with integrated grids system



- Designed to be installed on an integrated grid.
- Gives the ceiling an open-cell effect.
- The grid has the same U profiles as the panel.

## Key product features

**Practical:** grid and panels supplied in kit format

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

**Safety:** high air space ratio for active fire protection systems

**Ideal for:** stores in shopping malls.

## Related systems

- OPEN-CELL CEILINGS  
Cellular cell Square  
Double skin open-cell with integrated grid system SQUARE I  
[PLAFOMETAL-OC-130]

## 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

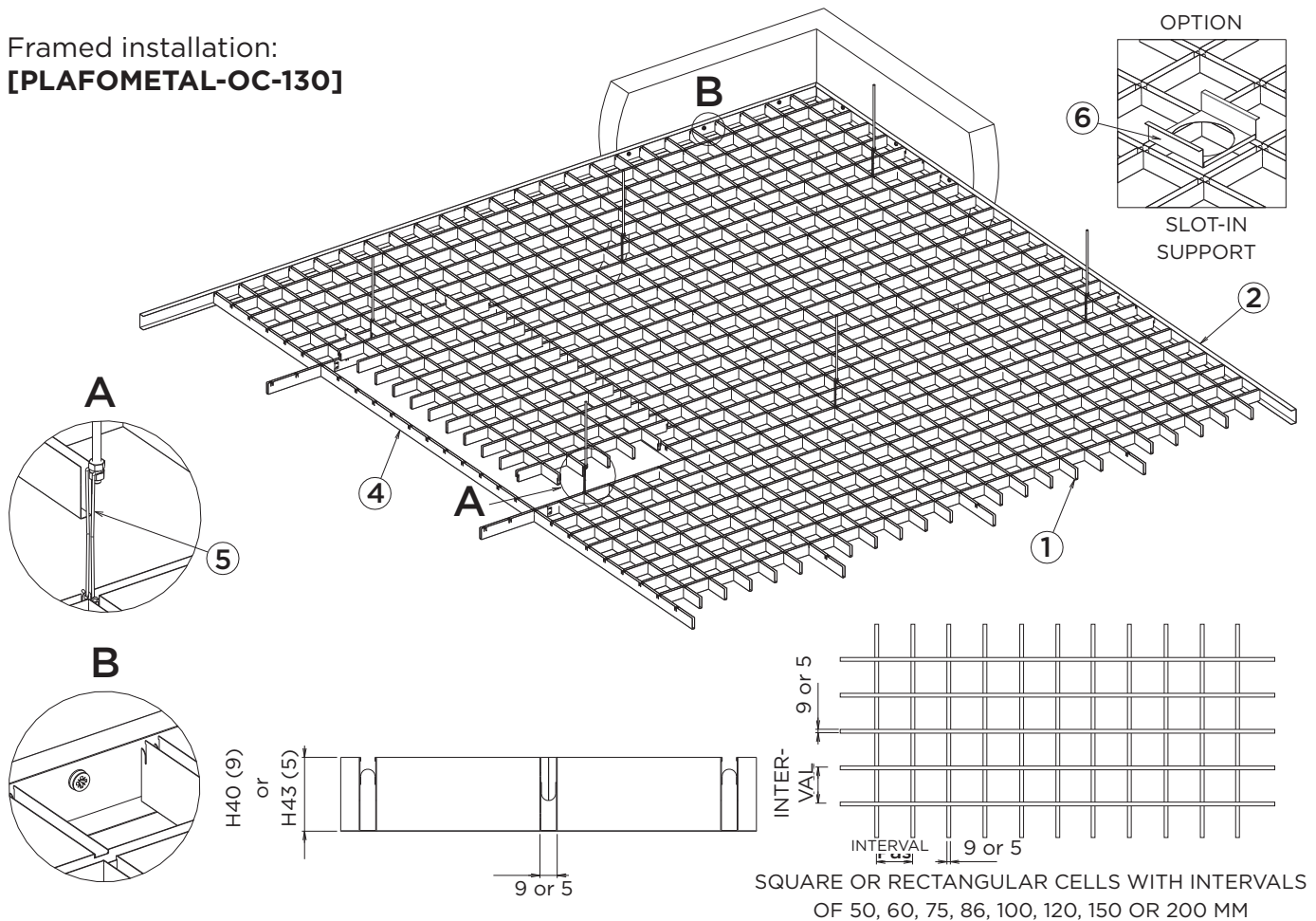
Dimensions (mm)			
Width	600		
Length*	1,200		
U element dimensions (upper and lower)	Open cell	Square i5	Square i9
	Width	5	9
	Height	43	40
Cell dimensions	Square or rectangular with intervals of 50, 60, 75, 86, 100, 120, 150 or 200		
Air space ratio	Depending on the width of the U elements and cell dimensions; contact us.		
Packaging for 100 x 100 mm cells			
Units/pack	10	10	
m <sup>2</sup> /pack	7.2	7.2	
Packs/pallet	10	10	
Weight (gross kg/pack)	14	14	

Aluminum open cell (thickness 0.4 mm)

\* Other dimensions on request

# Square i open-cell ceiling

Framed installation:  
[PLAFOMETAL-OC-130]



SQUARE OR RECTANGULAR CELLS WITH INTERVALS OF 50, 60, 75, 86, 100, 120, 150 OR 200 MM

No.	Illustration	Article code	Component	Sales unit	Billing unit	Quantity (in billing units)
1		Contact us	Square i (600 x 1,200 mm)	Pack*	m <sup>2</sup>	1
2		L40AL	Alu L wall angle 40 x 20 mm leng. 3 lm	Unit	lm	Depending on the perimeter
3		Contact us	U-section carrier profile** leng. 2,4 lm	Included*	lm Included	0.84 Included
4		Contact us	U-section cross tee leng. 1,2 lm	Included*	lm Included	1.68 Included
5		Contact us	Wire hanger**	Included*	Unit Included	0.7 Included
Option 6	/	SPOT	Slot-in support	Unit	Unit	/

Per m<sup>2</sup>

\* Kit delivered in several packs, including the open-cell panels and the necessary quantity of carriers, hangers for Ø6 mm threaded rods and carrier connectors. Threaded rods and M6 nuts not supplied.

\*\*Contact us to estimate the number of profiles and hangers in case of carriers fitted at 600 mm centers for 600 x 600 mm or 600 x 1,200 mm open cells.

## 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 1,200 mm centers and U-section cross tees 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.