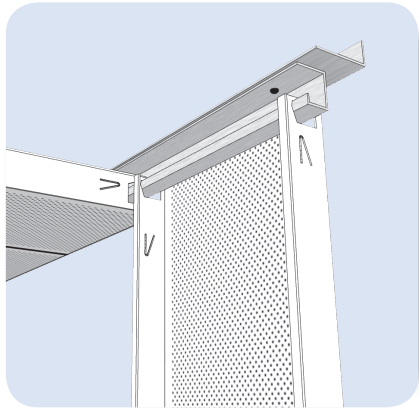


# Orial Plafometal panel

Swing-down opening panel from both sides, concealed grid



- Designed to be hooked on a special concealed grid forming an open hollow joint between the panel and the wall.
- The "wool block" notches on the sides hold the sound-absorbent insulation in place and prevent it from sliding when opening panels.

## Key product features

**Opening:** swing down on both sides

**Acoustics:** high degree of correction, absorption factor  $\alpha_w$  up to 1

**Installation:** grid with an offset edge to absorb alignment gaps with the wall

**Plenum ventilation:** open hollow joint suitable for hospitals

**Ideal for:** corridors in hospitals and office buildings.

## Related systems

- CORRIDOR CEILINGS  
Opening ceiling on concealed profiles  
Swing-down panel system on both sides ORIAL PLAFOMETAL  
[PLAFOMETAL-CC-110]

## Characteristics and performance



**Light reflection**  
Up to 87%



Straight sides and square edges



**Acoustics**  
 $\alpha_w$  up to 0.85 with the ALPHA range  
 $\alpha_w$  up to 1 with the ALPHA PLUS range



**Indoor air quality**  
Class A+ for all these products:

- Non-perforated
- In the ALPHA range
- In the ALPHA PLUS range, with a specific mineral wool pad in thin plastic film

Class A for all the products in the ALPHA PLUS range, with a specific mineral wool pad with a black tissue face



**Reaction to fire** (according to EN 13501-1)  
Euroclass A1 for these products:

- Prepainted non-perforated
  - Prepainted in the ALPHA range
- Euroclass A2-s1,d0 for these products:
- Non-perforated powder post-painted
  - Powder post-painted in the ALPHA range
  - In the ALPHA PLUS range



Verified EPD available in the INIES database ([www.inies.fr](http://www.inies.fr))

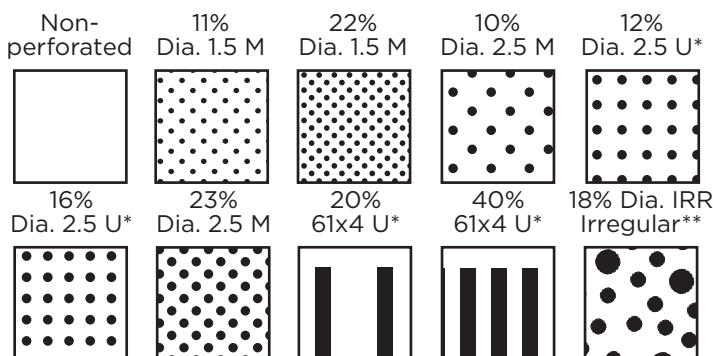


CE marking (according to EN 13964)  
DoP no.: 0007-200

## Colors

- **White 137 (≈ RAL 9003)**  
Polyester prepainted
- **Metallic Gray (RAL 9006)**  
Polyester prepainted - on request
- **180 RAL colors available on request**  
Polyester powder post-painted

## Perforations



Scale 1:2 Perforations can be stopped at the end of the panel (except for 18% IRR)

\* Only available with perforations that stop short on the four sides.

\*\* Maximum width 400 mm

## Dimensions & Packing

Dimensions (mm)			
Width*	300	400	600
Length	On request. Recommended dimensions between 800 and 2,500 mm depending on the self-supporting capacity		
Height	50		
Self-supporting capacity	2,500	2,500	1,500
Packaging**			
Units/pack	6	4	4
m <sup>2</sup> /pack	4.5	4	3.6
Packs/pallet	21	27	18
Weight (gross kg/pack)	27	22	25

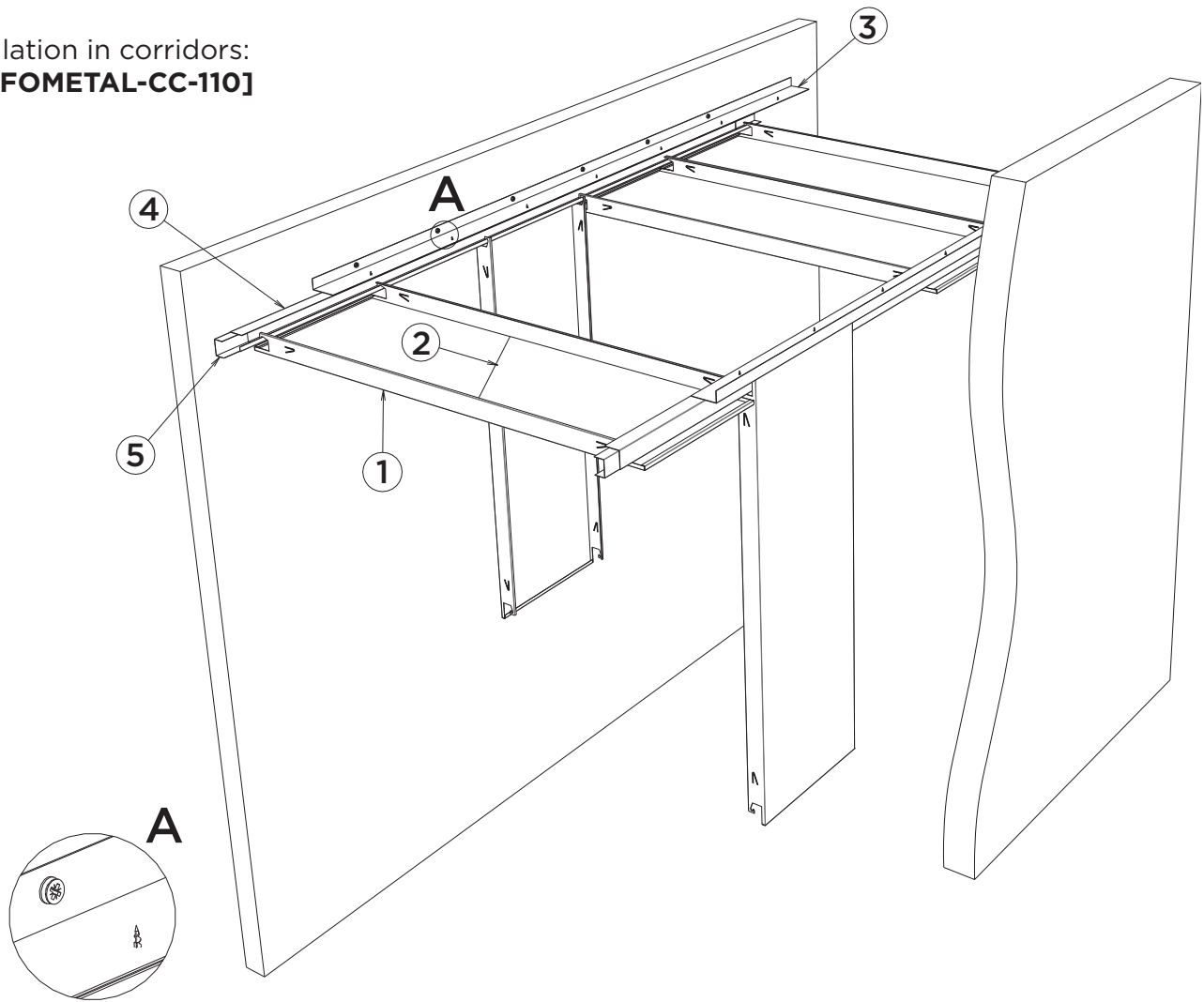
Non-perforated steel panel only (thickness 0.6 to 0.8 mm)

\* Other dimensions on request

\*\* For a length equal to the self-supporting capacity

# Orial Plafometal panel

Installation in corridors:  
[PLAFOMETAL-CC-110]



No.	Illustration	Article code	Component	Sales unit	Billing unit	Quantity (in billing units)	
1		Contact us	Orial Plafometal panel	Unit	m <sup>2</sup>	1	Per m <sup>2</sup>
2		Contact us	Additional acoustic component	/	m <sup>2</sup>	1	
3		P5790030	Orial Plafometal wall angle 30 x 70 mm leng. 3 m	Unit	lm	2	Per lm of corridor
4		P5790026	Orial Plafometal profile leng. 3 m	Unit	lm	2	
5		Contact us	Orial Plafometal length connector	Unit	Unit	0.67	

## Installation according to DTU 58-1

**Installation in corridors:** wall angles to be fixed every 300 mm and Orial Plafometal hinged profiles to be assembled with self-tapping screws every 300 mm beneath the wall angle. Provide a gap of at least 25 mm between the wall and the panel edge.

**Removal:** the panel is opened by pushing upwards and then sliding sideways to free it from the hinged profile. The panel swings down and remains suspended on the opposite profile. Put the panel back in place in reverse order, ensuring that all the elements are aligned.

**Cut-outs:** bespoke factory cut-outs on request.