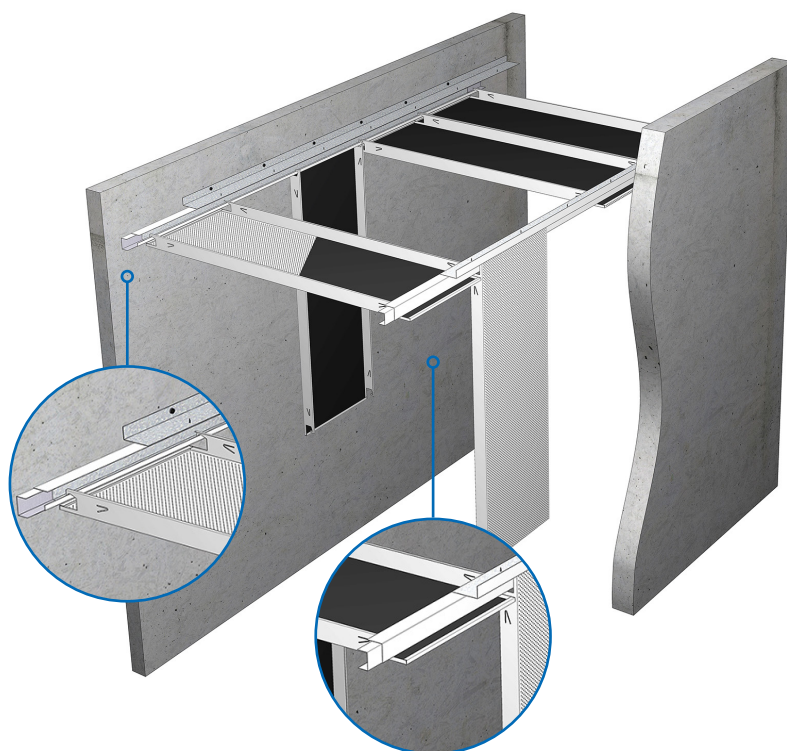


SWING-DOWN PANEL SYSTEM ON BOTH SIDES

ORIAL
[PLAFOMETAL-CC-110]

General view - underneath and above



These visuals are available in greater detail
on our web site in the "System visuals" section

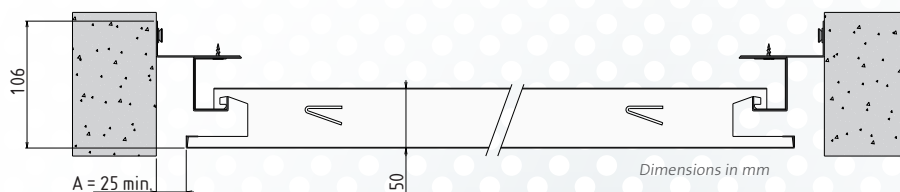
Description

- Opening swing-down ceiling for corridors.
- Panel laid on an invisible profile with offset edge in 2 parts forming an open hollow joint between the end of the panels and the wall.
- Notches allow the panel to be suspended on the grid and swung down from either side.
- Block of wool fitted on the sides of the panel to keep the additional acoustic component in place.

Intended use

Ideal for: corridors in hospitals and office buildings.

Sectional view showing space requirements



A gap A is required between the panel and the wall

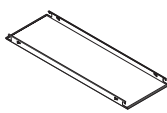



SWING-DOWN PANEL SYSTEM ON BOTH SIDES

ORIAL
[PLAFOMETAL-CC-110]

KEY FEATURES

- + **Opening:** swing-down on both sides
- + **Acoustics:** high degree of correction, absorption factor α_w up to 1
- + **Aesthetics:** grid with an offset edge for a perfectly straight finish
- + **Ventilation of the plenum:** open hollow joint, suitable for hospitals

SYSTEM INFORMATION

ORIAL PLAFOMETAL*					
Component		Dimensions (mm)			Material
		Width	Height	Length	
	Oriaf Plafometal* panel	300	50	Made to order	Galvanized steel thickness 0.6 to 0.8 mm
		400		Recommended dimension: between 800 and 2,500 mm depending on self-supporting capacity*	
		600			
	Additional acoustic component	according to panel			see ALPHA and ALPHA PLUS offer
	Oriaf Plafometal wall angle	30x70 Lg. 3000			Steel thickness 1 mm
	Oriaf Plafometal profile	Lg. 3000			Steel thickness 1 mm
	Oriaf Plafometal length connector	-			-

* Refer to the product information sheet



Acoustics

According to standard EN ISO 11 654

α_w up to 0.85 with the ALPHA offer
 α_w up to 1 with the ALPHA PLUS offer
 Acoustic performance depends on the chosen perforations



Light reflection

Up to 87%



EPD verified

Available on the INIES database
 (www.inies.fr)



Reaction to fire

according to standard EN 13501-1

Euroclass A1 for these products:
 • pre-painted non-perforated
 • pre-painted in the ALPHA offer
 Euroclass A2 s1,d0 for these products:
 • post-lacquered non-perforated
 • post-lacquered in the ALPHA offer
 • in the ALPHA PLUS offer



Indoor air quality

Class A+ for all these products:

- non-perforated
- in the ALPHA offer
- in the ALPHA PLUS offer, with specific mineral wool pad in thin plastic film
- Class A for all the products in the ALPHA PLUS offer, with specific mineral wool pad with black tissue face.



Cut-outs and integration

Factory cut-outs on request



Additional acoustic component

ALPHA offer: Plafometal acoustic fleece
 ALPHA PLUS offer: specific mineral wool pas with black tissue face or in thin plastic film



Opening

Push up then move sideways to avoid the hook-on profile. The panel swings down and remains hooked onto the opposite profile.
 Put the panel back in place in reverse order, ensuring that all the elements are aligned. The wool blocks prevent the additional acoustic components from sliding.



Perforations

Open area percentage, diameter in mm and M or U layout

Non-perforated



11% Dia. 1.5 M



22% Dia. 1.5 M



10% Dia. 2.5 M



12% Dia. 2.5 U*



16% Dia. 2.5 U*



23% Dia. 2.5 M



20% 61x4 U*



40% 61x4 U*



18% Dia. IRR



Perforations can be stopped at the end of the panel (except for 18% IRR).

* Only available with perforations stopped on all 4 sides.



Colors

White 137 (≈ RAL 9003) - Pre-painted polyester
 Metallic Gray (RAL 9006) - Pre-painted polyester - on request
 180 RAL colors on request - Polyester powder coating