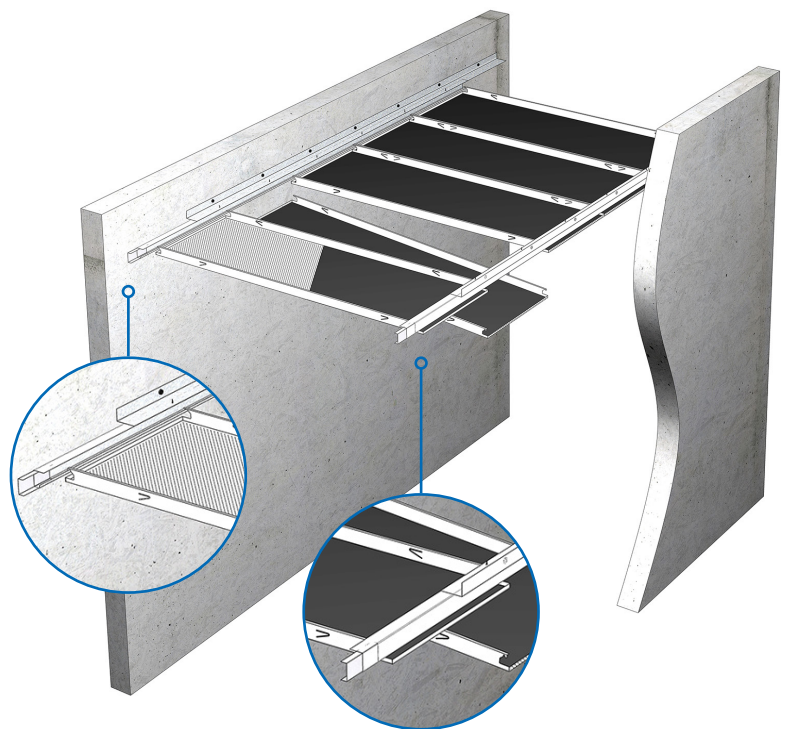
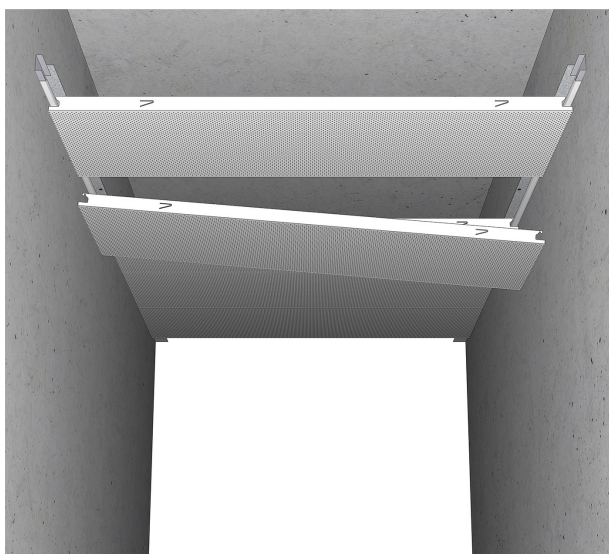


HOOK-ON PANEL ON CONCEALED PROFILE SYSTEM

HORUS
[PLAFOMETAL-CC-310]

General view - underneath and above



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

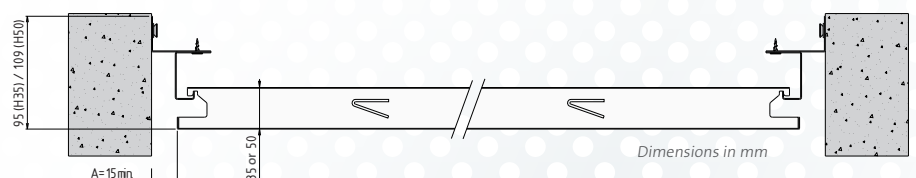
Description

- Hook-on self-supporting ceiling.
- Panel laid on a special concealed grid forming an open hollow joint adjustable between the end of the panel and the wall.
- Specific notches allow the panel to be suspended on the grid and disassembled from underneath.
- Block of wool fitted on the sides of the panel to keep the additional acoustic component in place.

Intended use

Ideal for: corridors in office buildings and hospitals.

Sectional view showing space requirements



A gap A is required between the panel and the wall

HOOK-ON PANEL ON CONCEALED PROFILE SYSTEM

HORUS
[PLAFOMETAL-CC-310]

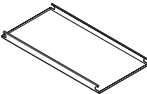



KEY FEATURES

✚ **Aesthetics:** grid with an offset edge for a perfectly straight finish

✚ **Acoustics:** high degree of correction, absorption factor α_w up to 1

✚ **Ventilation of the plenum:** appropriate for hospitals

✚ **Opening:** easy to disassemble

SYSTEM INFORMATION					
Component		Dimensions (mm)			Material
		Width	Height	Length	
	Horus* panel	300	35 or 50	Made to order	Galvanized steel thickness 0.6 to 0.8 mm
		400		-	
		600		Recommended dimension: between 900 and 3,000 mm depending on self-supporting capacity*	
	Additional acoustic component	according to panel			see ALPHA and ALPHA PLUS offer
	Horus wall angle	30x50 Lg. 3000			Steel thickness 1 mm
	Horus corridor profile	Lg. 3000			Steel thickness 0.8 mm
	Horus profile 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 pad with black tissue face or in thin plastic film



Opening

Disassemble the panel by pushing it upwards and then sliding it sideways to avoid the hook-on profile (and the adjacent panel in the case of framed installation). Free it from underneath by tilting it on one side. 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

Air spSpace ratio, 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*

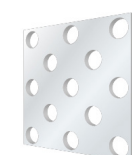
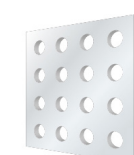
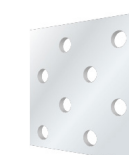
16% Dia. 2.5 U*

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