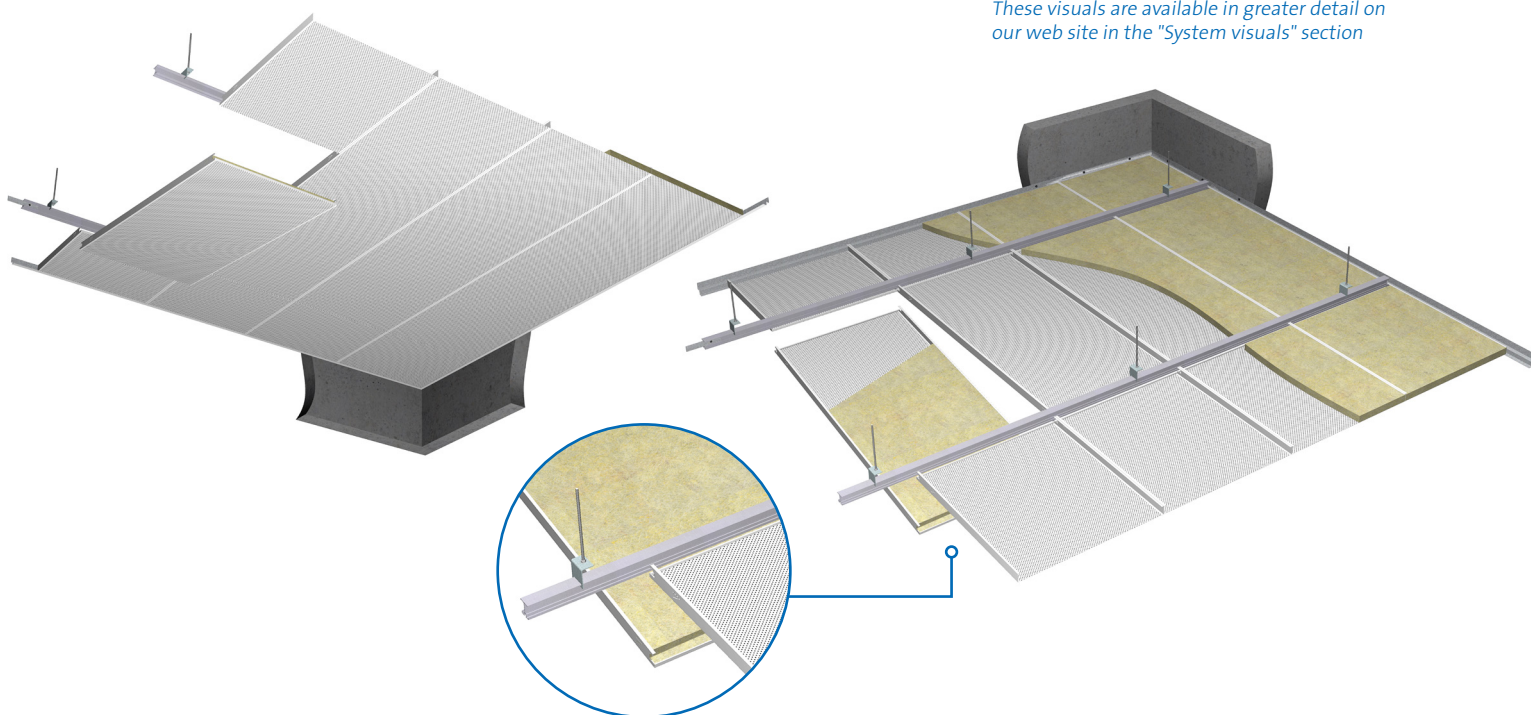


# HOOK-ON PANEL ON CONCEALED GRID SYSTEM

HORUS  
[ PLAFOMETAL-SC-210 ]

## General view - underneath and above



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

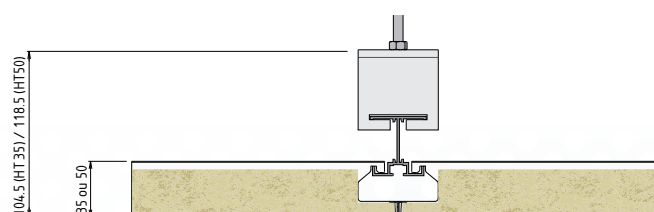
## Description

- Hook-on self-supporting panels.
- Specific hooks mean that the panel can be suspended on the concealed grid and disassembled from below.
- Additional acoustic components available.
- Notches on the sides of the panel to secure the insulating material.
- Climate ceiling version available.

## Intended use

**Ideal for:** meeting rooms and open-space offices.

## Sectional view showing space requirements



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ON CONCEALED GRID SYSTEM





HORUS  
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KEY  
FEATURES


- + Aesthetics: ceiling with a monolithic aspect

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

+ Opening: easy to disassemble

SYSTEM INFORMATION					
Component		Dimensions (mm)			Material
		Height	Width	Length	
	Horus* panel	35 or 50	300	On request. Recommended dimensions between 900 and 2500 mm depending on the self-supporting capacity*	Galvanized steel, thickness 0.6 to 0.8 mm
	400				
	600				
	Additional acoustic component	depending on the panel			see ALPHA and ALPHA PLUS offer
	W wall angle or L wall angle	19x19x19x19 Lg. 3,000 30x30 Lg. 3,000			Steel, thickness 0.5 mm
	Horus carrier	Lg. 4,000			Aluminum, thickness 1 mm
	Horus carrier hanger				Steel, thickness 1 mm
	Horus carrier connector				Steel, thickness 1 mm


\* Refer to the product datasheet

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Acoustics


According to EN ISO 11654

$\alpha_w$  up to 0.85 with the ALPHA offer  
 $\alpha_w$  up to 1 with the ALPHA PLUS offer  
 Acoustic performance depends on the chosen perforations




Additional acoustic component

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




Light reflection

Up to 87%



EPD verified


Available in the INIES database ([www.inies.fr](http://www.inies.fr))

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Reaction to fire


according to EN 13501-1

Euroclass A1 for these products:  
 • Prepainted non-perforated  
 • Prepainted in the ALPHA offer  
 Euroclass A2 s1,d0 for these products:  
 • Non-perforated powder postpainted  
 • Powder postpainted in the ALPHA offer  
 • In the ALPHA PLUS offer




Cut-outs and integration

Factory cut-outs on request



Thermal


[Details in the dedicated brochure](#)

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Indoor air quality


Class A+ for all these products:

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



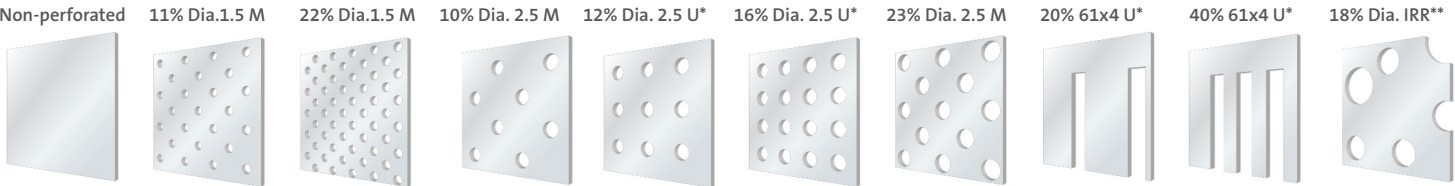
Opening

The panel is disassembled by pushing upwards and then sliding sideways to free it from the Horus carrier and adjacent panel. 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.


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Perforations

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



Perforations can be stopped at the end of the panel (except for 18% IRR).  
 \*Available with stopped perforations on full peripheral borders.  
 \*\*Maximum width 400 mm.

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Colors

White 137 (≈ RAL 9003) - Prepainted polyester  
 Metallic Gray (RAL 9006) - Prepainted polyester - on request  
 180 RAL colors on request - Postpainted polyester powder