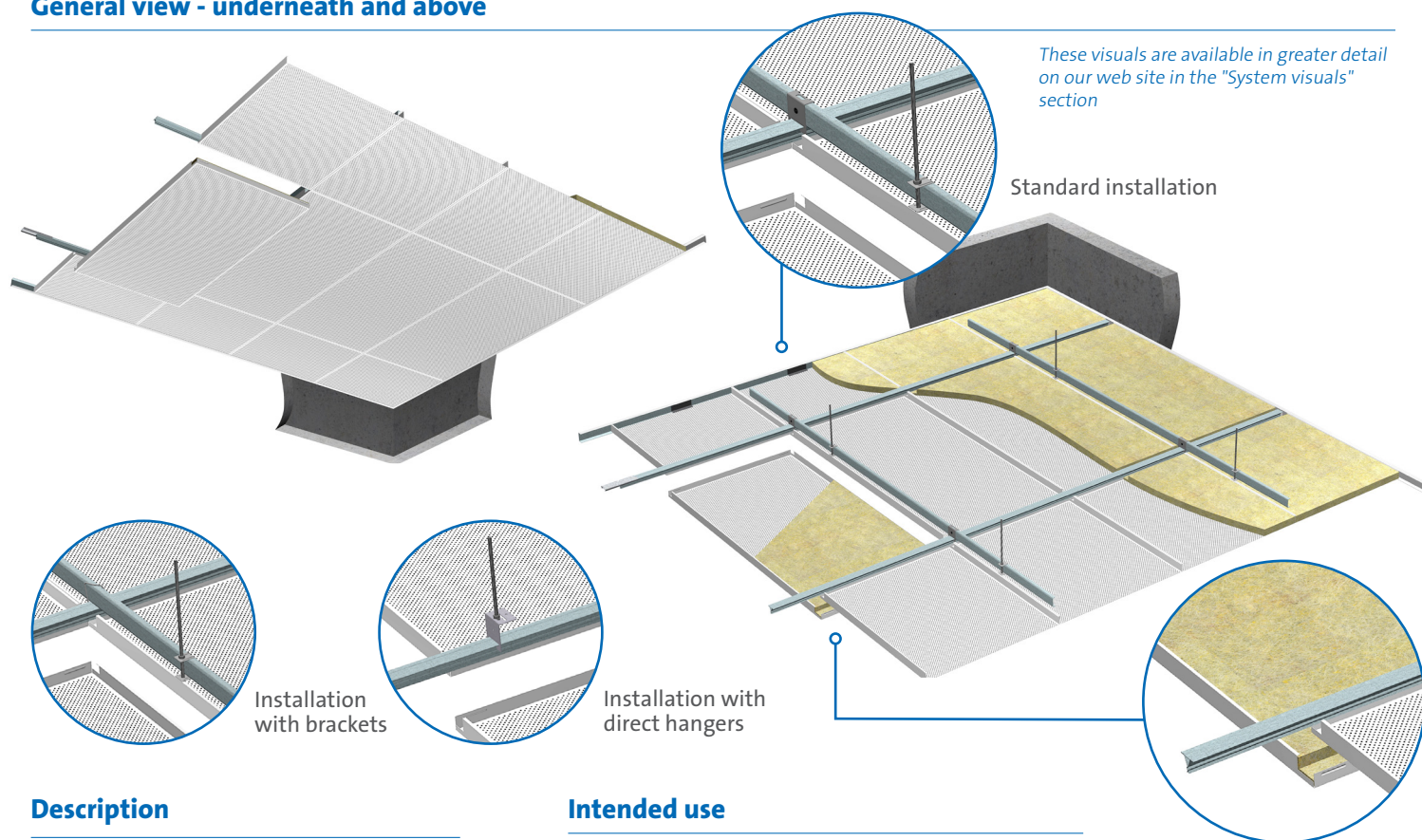


CLIP-IN PANEL ON CONCEALED GRID SYSTEM

PM2 CLIP-IN
[PLAFOMETAL-SC-220]

General view - underneath and above



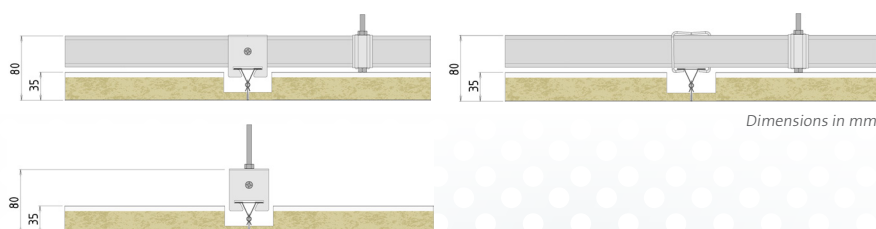
Description

- Clip-in self-supporting panels with a locking ring on the longitudinal sides.
- Designed to be clipped onto a specific grid according to the three types of installation: standard, brackets or direct hangers.
- Square or bevelled peripheral edges.
- Additional acoustic components available.

Intended use

Ideal for: meeting rooms and open-space offices.

Sectional view showing space requirements











CLIP-IN PANEL ON CONCEALED GRID SYSTEM

PM2 CLIP-IN
[PLAFOMETAL-SC-220]

KEY FEATURES








- **Acoustics:** high degree of correction, absorption factor α_w up to 1
- **Aesthetics:** ceiling with a monolithic aspect
- **Dimensions:** choice of different widths
- **Opening:** secure access to the plenum (requiring use of a disassembly tool)

Standard installation

SYSTEM INFORMATION					
Component		Dimensions (mm)			Material
		Height	Width	Length	
	PM2 Clip-in panel*	35	300	On request. Recommended dimensions between 900 and 2800 mm depending on the self-supporting capacity*	Galvanized steel, thickness 0.5 to 0.7 mm
			400		
			600		
	Additional acoustic component	depending on the panel			see ALPHA and ALPHA PLUS offer
	Hollow joint wall angle	19x19x19x19 Lg. 3,000			
	or Wall angle	30x30 Lg. 3,000			
	or Hanger + Perimeter wedge	19x40x19 Lg. 3,000			Steel, thickness 0.5 mm
	U-section main runner	13x38x13 Lg. 4,000			Steel, thickness 1 mm
	Suspension flange for U-section main runner				Steel
	T-section secondary profile	Lg. 4,000			Steel, thickness 1 mm
	Secondary carrier splice				Steel
	Connecting hanger				Steel
	U-section main runner / T-section secondary profile				

* Refer to the product datasheet

Installation with brackets

SYSTEM INFORMATION					
Component		Dimensions (mm)			Material
		Height	Width	Length	
	PM2 Clip-in panel*	35	300	On request. Recommended dimensions between 900 and 2,800 mm depending on the self-supporting capacity*	Galvanized steel, thickness 0.5 to 0.7 mm
			400		
			600		
	Additional acoustic component	depending on the panel			see ALPHA and ALPHA PLUS offer
	Hollow joint wall angle	19x19x19x19 Lg. 3,000			
	or Wall angle	30x30 Lg. 3,000			
	or Hanger + Perimeter wedge	19x40x19 Lg. 3,000			Steel, thickness 0.5 mm
	U-section main runner	13x38x13 Lg. 4,000			Steel, thickness 1 mm
	Suspension flange for U-section main runner				Steel
	T-section secondary profile	Lg. 4,000			Steel, thickness 1 mm
	Secondary carrier splice				Steel
	Connecting stirrup				Steel
	U-section main runner / T-section secondary profile				

* Refer to the product datasheet






CLIP-IN PANEL ON CONCEALED GRID SYSTEM

PM2 CLIP-IN
[PLAFOMETAL-SC-220]


KEY FEATURES

- Acoustics:** high degree of correction, absorption factor α_w up to 1
- Aesthetics:** ceiling with a monolithic aspect
- Opening:** secure access to the plenum (requiring use of a disassembly tool)
- Dimensions:** choice of different widths


Installation with direct hangers

SYSTEM INFORMATION					
Component		Dimensions (mm)			Material
		Height	Width	Length	
	PM2 Clip-in panel*	35	300	On request. Recommended dimensions between 900 and 2,800 mm depending on the self-supporting capacity*	Galvanized steel, thickness 0.5 to 0.7 mm
			400		
			600		
	Additional acoustic component	depending on the panel			see ALPHA and ALPHA PLUS offer
	Hollow joint wall angle or Wall angle	19x19x19x19 Lg. 3,000			
	Hanger + Perimeter wedge	30x30 Lg. 3,000			Steel, thickness 0.5 mm
	T-section secondary profile	19x40x19 Lg. 3,000			
	Secondary carrier splice	Lg. 4,000			Steel, thickness 1 mm
	Direct hanger				Steel

* Refer to the product datasheet



Acoustics
 According to EN ISO 11654
 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%


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


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


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:

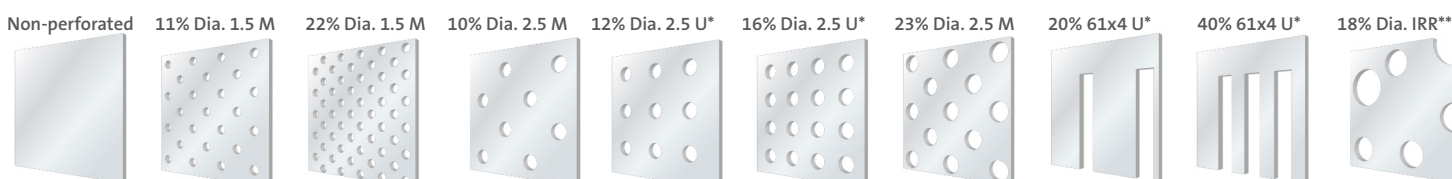
- Non-perforated powder postpainted
- Powder postpainted in the ALPHA offer
- In the ALPHA PLUS offer


EPD verified
 Available in the INIES database (www.inies.fr)



Cut-outs and integration
 Factory cut-outs on request


Opening
 Unclip at the bottom using the special disassembly tool. The ceiling can be made non-removable by adding an AC511 safety bracket to each corner of the panel. Please contact us if you are interested in installing an access trapdoor.


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.


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