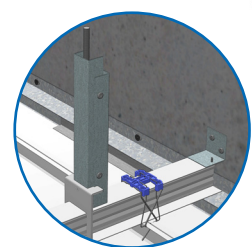
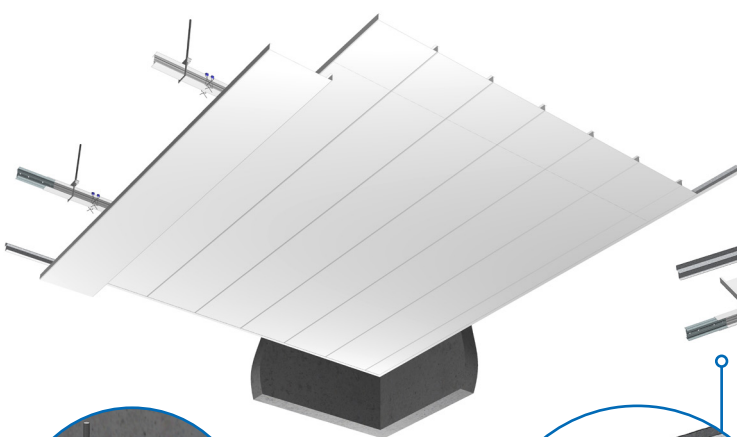


CLIPPED LINEAR PANEL ON CONCEALED GRID SYSTEM OUTDOOR

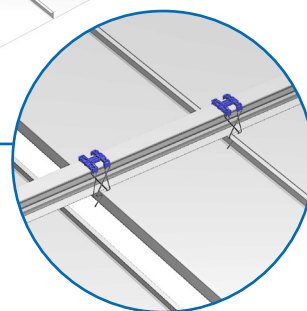
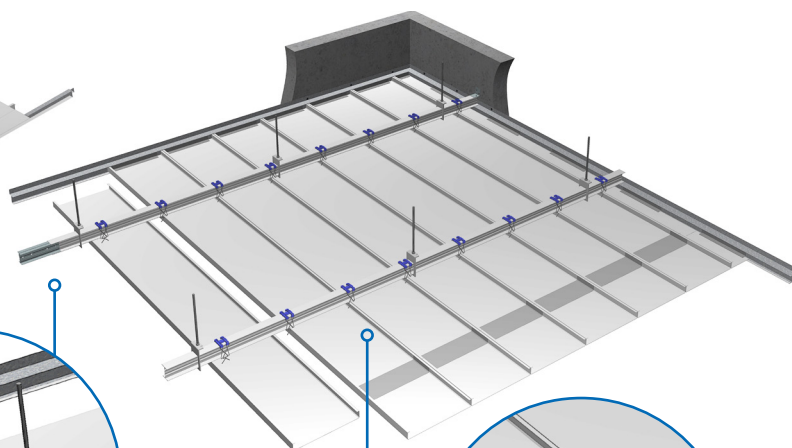
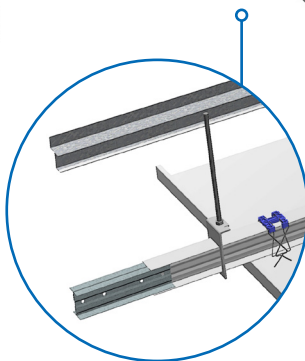
NEW

PM300-6, PM300-6HR,
PM300-7HR
[PLAFOMETAL-LC-210E]

General view - underneath and above



Option: casing
(according to wind load)



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

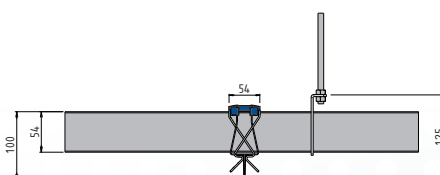
Description

- ▶ Clipped linear panels on notches-free concealed carriers via a specific stainless steel clip.
- ▶ The clip can be used to remove the panels.
- ▶ High-Resistance panels and carriers offer superior mechanical strength, meaning that the center spacings can be increased; refer to our installation advice.
- ▶ Excellent corrosion resistance (steel category C5-M).

Intended use

Ideal for: lobbies and canopies.

Sectional view showing space requirements



Dimensions in mm











CLIPPED LINEAR PANEL ON CONCEALED GRID SYSTEM OUTDOOR

PM300-6, PM300-6HR,
PM300-7HR
[PLAFOMETAL-LC-210E]

KEY FEATURES

- + Installation: wide center spacings, no need to align the clip notches, and easy to level
- + Exterior: mechanical strength and corrosion resistance for installation beneath canopies
- + Opening: panels can be disassembled individually

SYSTEM INFORMATION

Component		Dimensions (mm)				Material
		Width	Height	Max center spacings	Length	
	PM300-6 panel*	300	33	Carriers 1200, hangers 1800	On request. Recommended dimensions between 2,000 and 4,000 mm (900 min - 6,000 max)*	Steel thickness 0.6 mm
	PM300-6HR panel* or PM300-7HR panel*			Carriers 2100, hangers 1800		High-Resistance high elastic limit steel, thickness 0.6 mm High-Resistance high elastic limit aluminum, thickness 0.7 mm
	Additional acoustic component	Depending on the panel				ALPHA PLUS: specific mineral wool pad in thin plastic film only
	20-mm hollow joint perimeter profile in 1 or 2 parts***	Lg. 3,000				Steel or aluminum
	Perimeter wedge or clip	-				Steel
	U-profile for anti-lifting	Lg. 3,000				Steel
	Hanger-HR in stainless steel	-				Stainless steel, thickness 2.5 or 4 mm
	High-Resistance I-carrier	Lg. 4,000				High-Resistance high elastic limit steel
	I-carrier connector	-				Steel
	H clips	-				Stainless steel + polypropylene cage
	PM300 panel length connector	-				Steel or polypropylene
	Option: Disassembly kit	-				-

* Refer to the datasheet

Depending on the project's installation specifications and degree of wind exposure *Contact us



Acoustics

According to EN ISO 11654

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



Additional acoustic component

ALPHA PLUS offer: specific sound-absorbing material in thin plastic film



Light reflection

Up to 87%



EPD verified

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

Cut-outs and integration

On-site cut outs.



Reaction to fire

according to EN 13501-1

Euroclass A1 for non-perforated pre-painted products.
Euroclass A2 s1,d0 for these products:
• Non-perforated powder postpainted
• ALPHA PLUS offer



Exterior corrosion resistance

Steel according to EN 12944

• Category C2 for perforated steel PM300-6
• Category C3 for non-perforated steel PM300-6 and perforated steel PM300-6HR
• Category C5-M (Marine) for non-perforated steel PM300-6HR

Aluminum according to EN 1396

• Category 3a for PM300-7HR aluminum
• Category 4 for PM300-7HR non-perforated aluminum

In all cases, the ceiling must be protected from rain and runoff water.



Indoor air quality

Class A+ for all these products:

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



Wind resistance

according Eurocodes 0, 1, 3 and 9

- The PM300-HR versions (High-Resistance material grade) can be used for High-Resistance I-carrier center spacings up to 2,100 mm depending on the project's installation specifications and degree of wind exposure.
- Contact us for details about the center spacings according to the mechanical strength of the selected material grade and specify the degree of wind and corrosion exposure depending on the project's installation specifications.



Opening

Panels can be removed by inserting two special tools between panels to release the edges of the H clip. Each panel can be removed individually.



Perforations

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

Non-perforated



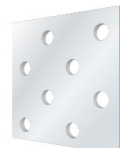
11% Dia. 1.5 M



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



18% Dia. IRR*



For details about the aluminum perforations available, contact us.

Caution: in industrial atmospheres or coastal locations, contact us for a specific analysis of the perforations available.

*Maximum width 400 mm



Colors

White 137 (≈ RAL 9003) - Polyester pre-painted steel
Metallic Gray (RAL 9006) - Polyester pre-painted steel
Structured Textured White 137 (≈ RAL 9003)* - Pre-painted High-Resistance steel
Ultra Matt White (RAL 9010)* - Pre-painted High-Resistance aluminum

180 RAL colors available on request - Polyester powder postpainted steel
Other colors on request subject to quantity - Polyester pre-painted aluminum

*Recommended for urban atmospheres (perforated or non-perforated), as well industrial atmospheres and coastal locations (non-perforated)