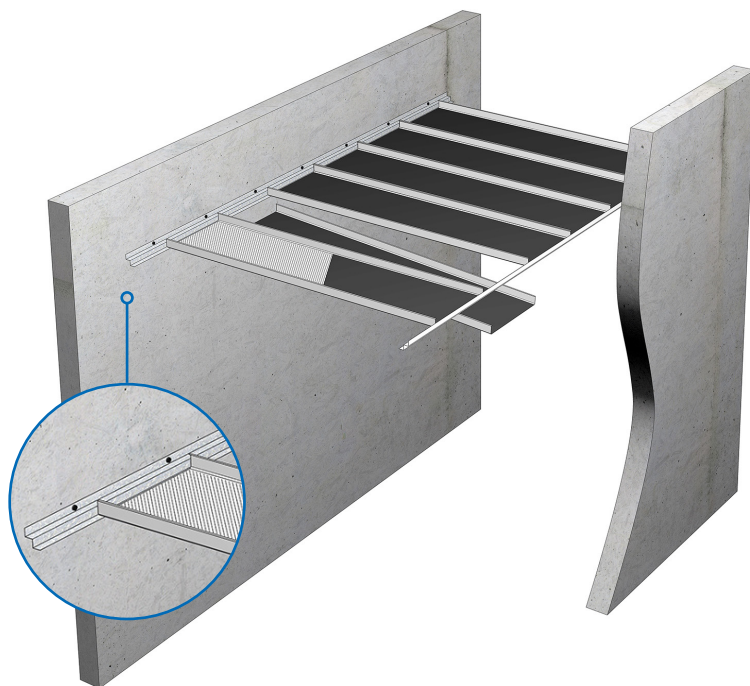
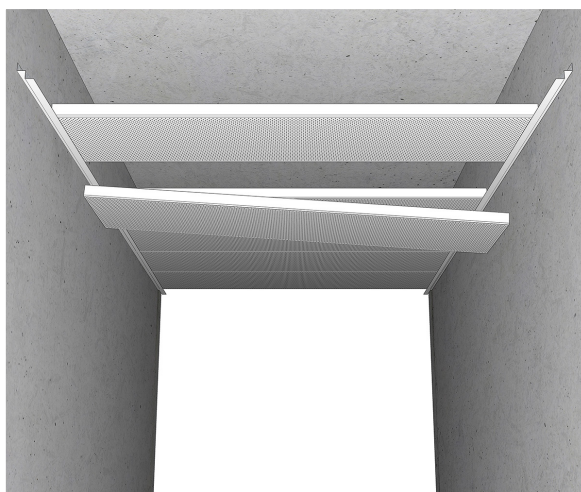


## SELF-SUPPORTING PANEL ON WALL ANGLE SYSTEM

PM  
[ PLAFOMETAL-CC-410 ]

### General view - underneath and above



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

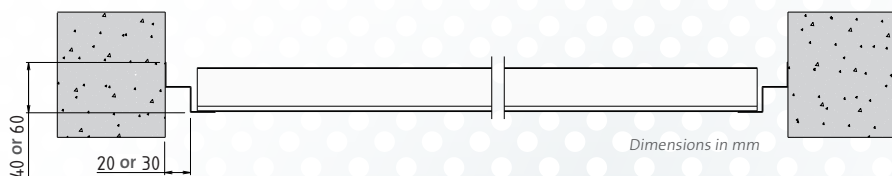
### Description

- Robust self-supporting ceiling.
- Panel laid on exposed wall angles (W hollow joint or L simple).

### Intended use

Ideal for: all types of corridors.

### Sectional view showing space requirements



# SELF-SUPPORTING PANEL ON WALL ANGLE SYSTEM

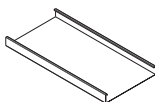

PM  
[ PLAFOMETAL-CC-410 ]

## KEY FEATURES

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

✚ **Installation:** easy and quick system,  
inexpensive solution

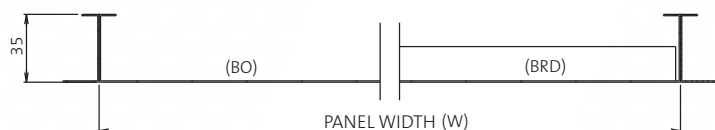
✚ **Opening:** easy to disassemble

SYSTEM INFORMATION					
Component		Dimensions (mm)			Material
		Width (W)	Height	Length	
	PM2* panel	300 400 600	35	Made to order - Recommended dimension: between 900 and 3,000 mm dependings on self-supporting capacity*	Galvanized steel thickness 0.5 to 0.7 mm
	— or —				
	PM3* panel	300 400 600	31		Galvanized steel thickness 0.5 to 0.7 mm
	— or —				
	PM4* panel	300 center-to-center (285 + hollow joint 15)	27		Galvanized steel thickness 0.5 to 0.7 mm
		400 center-to-center (385 + hollow joint 15)			
		600 center-to-center (585 + hollow joint 15)			
or					
PM10*	300	33	Galvanized steel thickness 0.5 mm		
— or —					
PM12* panel	300	35	Galvanized steel thickness 0.5 mm		
	Additional acoustic component	according to panel			see ALPHA and ALPHA PLUS offer
	Wall angle	30x30 Lg. 3000			Steel thickness 0.5 mm
	or Hollow joint wall angle	19x19x19x19 Lg. 3000			Steel thickness 0.5 mm

\* Refer to the product information sheet

### PM2 panel

Square - Open End (BO) or Straight Raised End (BRD)



### PM3 panel

Overlapping - Square or bevelled  
Open End (BO) or Straight Raised End (BRD)



### PM4 panel

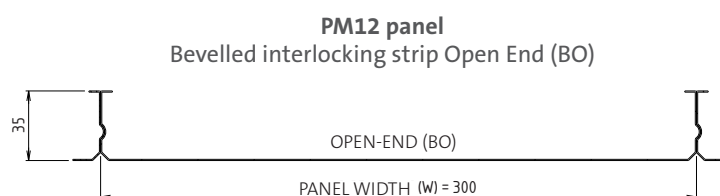
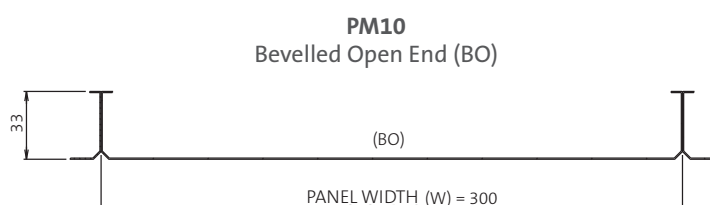
Hollow joint - Square or bevelled  
Open End (BO) or Straight Raised End (BRD)





# SELF-SUPPORTING PANEL ON WALL ANGLE SYSTEM

PM  
[ PLAFOMETAL-CC-410 ]



## Acoustics

According to standard EN ISO 11 654

$\alpha_w$  up to 0.85 with the ALPHA offer

$\alpha_w$  up to 1 with the ALPHA PLUS offer Better acoustic performance, depending on the chose perforations



## Light reflection

Up to 87%



## EPD verified

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



## Cut-outs and integration

Factory cut-outs on request (except for PM12 and PM300)



## 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



## 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

By lifting one edge of the panel (overlapping side for PM3 and PM4) in the grid



## 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\*\*



Other perforations on request.

On aluminum, contact us.

\*Except for PM4, PM10 and PM12

\*\*Except for PM4



## 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