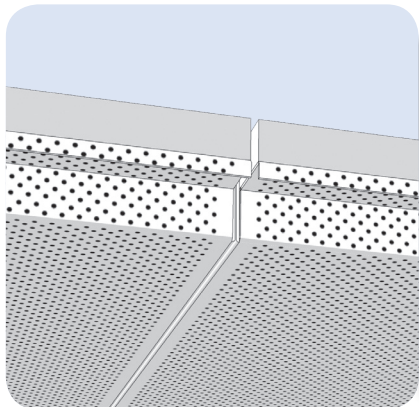


PM5 panel

Heavy self-supporting panel, straight sides and square edges, C-bandraister



- Designed to be installed on an exposed grid.
- The panel ends may be turned up into Z hooks (BRZC) for a flush installation on different C-rail carriers for creating partitions.
- The panel contains tabs on the side for securing mineral absorbent and plasterboard.
- Optional: two solutions for suspending panels in the open position with a framed installation: with wire hangers or screen hangers.

Key product features

Acoustics: high lateral insulation performance $D_{n,f,w}$ up to 52 dB

Installation: solution suitable for using carriers to create partitions

Opening: wide access to the plenum with hook-on options

Safety: BRZC edges to prevent panels from falling if opening a ceiling frame

Ideal for: office spaces with removable partition walls

Related systems

- WALL TO WALL SUSPENDED CEILINGS
Ceiling on bandrasters (for partitioning)
Self-supporting panel on C-bandraister system PM5
[PLAFOMETAL-SC-140]

Characteristics and performance



Light reflection
Up to 87%



Straight sides and square edges
Ends: BRZC (other ends on request)



Acoustics
 α_w up to 0.75 with the DECIBEL range



Lateral sound insulation
 $D_{n,f,w}$ up to 52 dB with the DECIBEL range



Optional climate ceiling available; contact us for details



FDES vérifiée disponible sur la base INIES (www.inies.fr)



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 post-painted
- Pre-painted and post-painted in the DECIBEL range



Indoor air quality
Class A+ for all these products: Non-perforated
• In the DECIBEL range, with a specific mineral wool pad in thin plastic film
Class A for all the products in the DECIBEL range, with a specific mineral wool pad with a black tissue face



Chemical resistance
(according to EN 12720 and ISO 11998)
Metal ceilings are resistant to disinfection with sodium hypochlorite 2,5%, hydrogen peroxide 6% or ethanol 70% disinfectants. Further details can be found in the "Maintenance" section of the appendices.

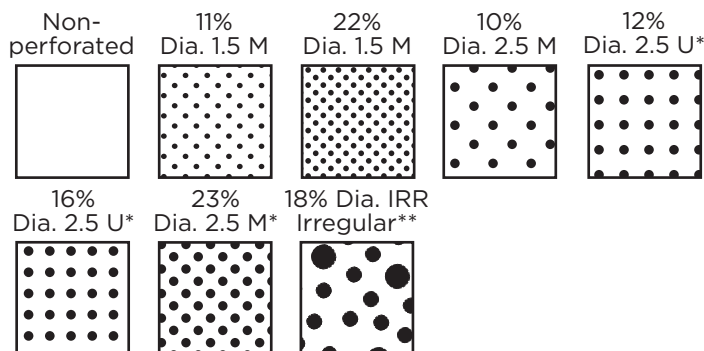


Marquage CE (selon la norme EN 13964)
N° DoP : 0007-200

Colors

- **White 137 (≈ RAL 9003)**
Polyester pre-painted
- **Metallic Gray (RAL 9006)**
Polyester pre-painted - on request
- **180 RAL colors available on request**
Polyester powder post-painted

Perforations



Scale 1:2

Perforations can be stopped at the end of the panel (except for 18% IRR)

* Only available with perforations that stop short on the four sides.

** Maximum width 400 mm

Dimensions & Packing

Dimensions (mm)				
Width*	300	400	600	675
Length	On request. Recommended dimensions between 900 and 1,800 mm depending on the self-supporting capacity			
Height***	50			
Self-supporting capacity	1,800	1,800	1,500	1,500
Packaging**				
Units/pack	Contact us			
m ² /pack				
Packs/pallet				
Weight (gross kg/pack)				

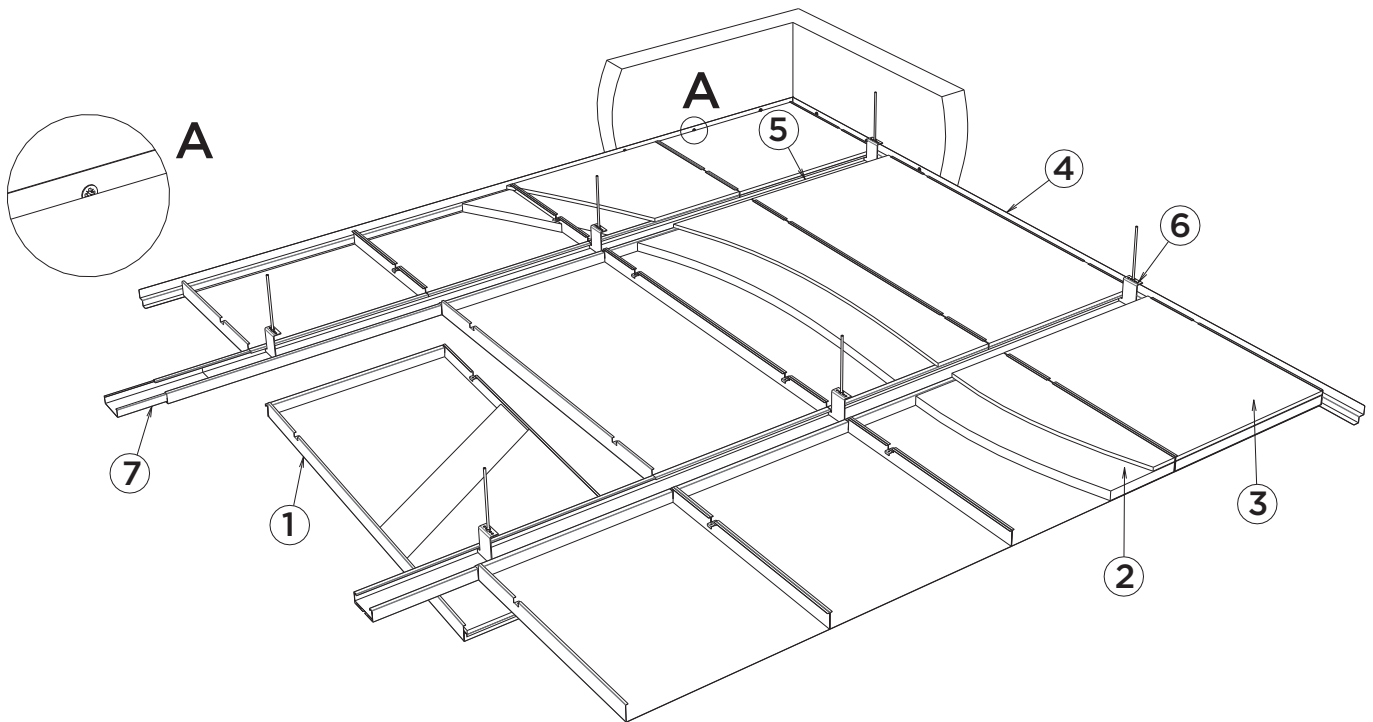
Heavy panel in perforated steel (thickness 0.6 or 0.7 mm)

* Other dimensions on request

** For a length equal to the self-supporting capacity

*** PM5 height of 35 or 45 mm possible if low plenum; contact us.

Framed installation: [PLAFOMETAL-SC-140]



No.	Illustration	Article code	Component	Sales unit	Billing unit	Quantity (in billing units)
1		Contact us	PM5 BRZC panel	Pack	m ²	1
2		Contact us	Additional acoustic component	/	m ²	1
3		Contact us	Sheet metal or plasterboard top plate	/	m ²	1
OR	4	Contact us	Wall angle 30 x 30 mm leng. 3 m, thickness 0.8 mm	/	lm	Depending on the perimeter
4		Contact us	Hollow joint wall angle 30 x 30 x 30 x 20 mm or other leng. 3 m, thickness 0.8 mm	/	lm	
OR	5	Contact us	Hollow joint C-bandraster leng. 4 m	Unit	lm	$\frac{1}{\text{Rail center spacing (lm)}}$
5		Contact us	Flat C-bandraster leng. 3 m	Unit	lm	
6		Contact us	C-bandraster hanger*	Unit	Unit	$\frac{1}{\text{Rail center spacing (lm)} \times 1.2}$
7		Contact us	C-bandraster splice	Unit	Unit	$\frac{1}{\text{Rail center spacing (lm)} \times \text{rail length (lm)}}$

* Suspend with 6 mm diameter threaded rods and M6 nuts (not supplied)

Installation according to local code of practice

Framed installation: hangers with 1,200 mm centers starting 300 mm from the wall, and rails with centers up to the panel's self-supporting capacity.

Removal: by lifting an edge of the panel (overlapping side) in the grid.

Cut-outs: bespoke factory cut-outs on request.