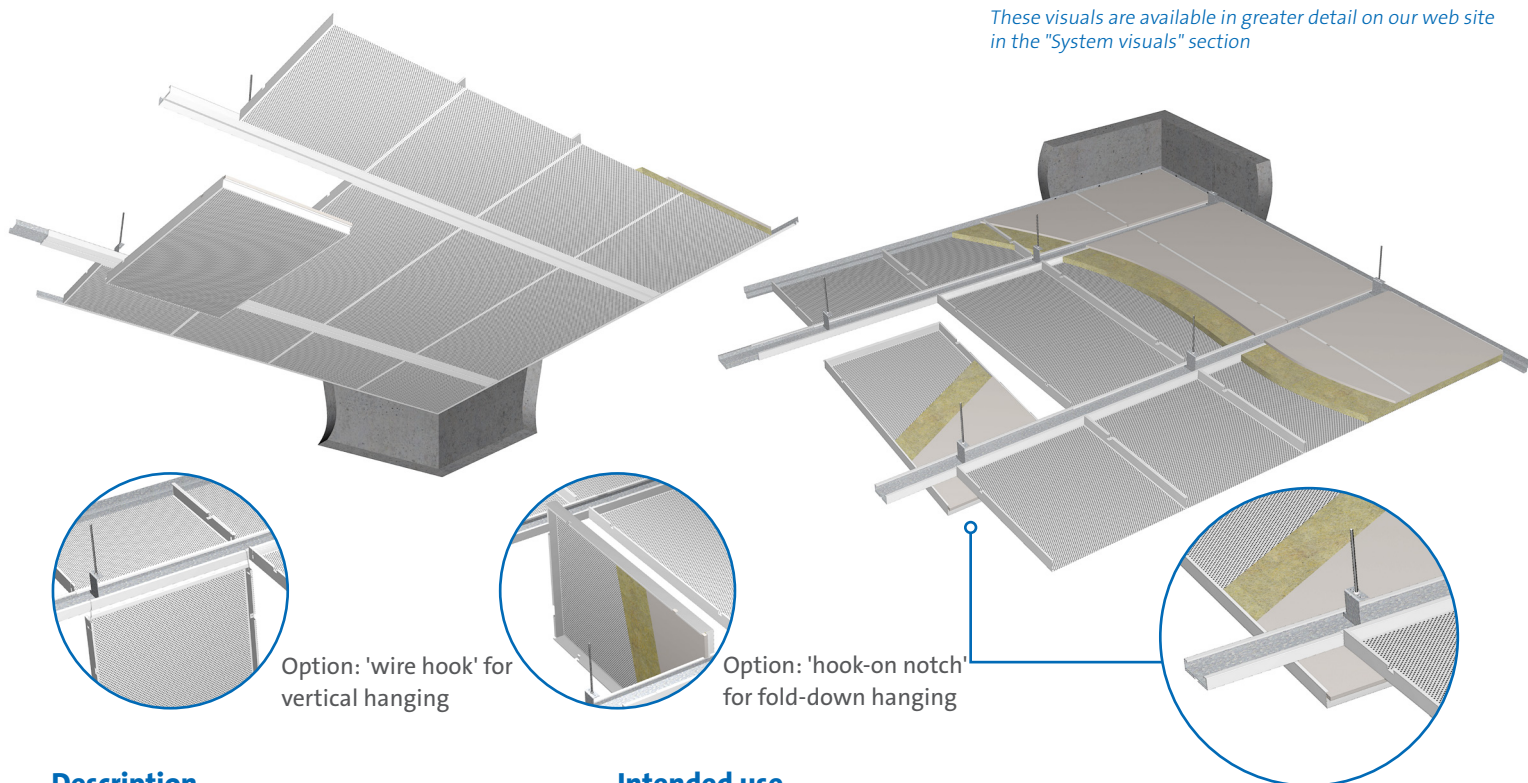


PANEL ON C-BANDRASTER SYSTEM

PM5
[PLAFOMETAL-SC-140]

General view - underneath and above



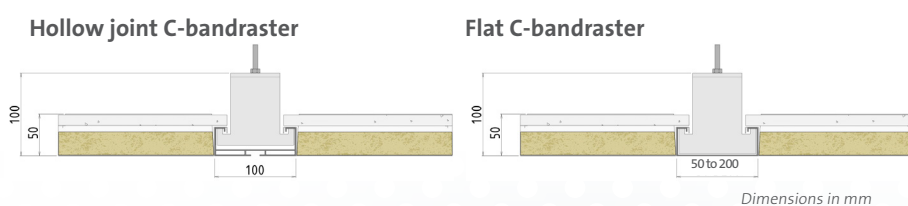
Description

- Heavy self-supporting panels with straight sides and square edges.
- Panel ends are turned up into Z-hooks (BRZC).
- Designed for framed installations on an exposed grid: flat or hollow joint C-bandrasters.
- The panel is filled and contains folding tabs for securing mineral absorbent and plasterboard.
- Climate ceiling version available.
- Hook-on version available on request.

Intended use

Ideal for: lateral insulation in offices with removable partition walls.

Sectional view showing space requirements



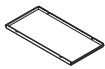



PANEL ON C-BANDRASTER SYSTEM

PM5
[PLAFOMETAL-SC-140]

KEY FEATURES

- **Acoustics:** high lateral insulation performance $D_{n,f,w}$ up to 53 dB
- **Safety:** BRZC edges to prevent panels from falling if opening a ceiling light
- **Dimensions:** choice of different widths
- **Opening:** wide access to the plenum with hook-on options
- **Aesthetics:** flush installation on different C-bandrasters for creating partitions

SYSTEM INFORMATION

DECIBEL INFORMATION					
Component		Dimensions (mm)			Material
		Height	Width	Length	
	PM5 panel* (BRZC)	50	300	On request. Recommended dimensions between 900 and 1800 mm*	Galvanized steel thickness 0.6 or 0.7 mm
			400		
			600		
			675		
	Additional acoustic component	depending on the panel			Refer to the DECIBEL offer
	Hollow joint wall angle or Wall angle	30 x 30 x 30 x 20 Lg. 3,000 30x30 Lg. 3,000			Steel, thickness 0.8 mm
	Hollow joint C-bandraster or Flat C-bandraster	Width 100 - Lg. 4,000 Width 50 to 200 (standard: 100) - Lg. 3,000			Steel, thickness 1 mm
	C-bandraster hanger				Steel
	C-bandraster splice				Steel

* Refer to the product datasheet



Acoustics

According to EN ISO 11654

α_w up to 0.75 with the DECIBEL offer
Acoustic performance depends on the
chosen perforations



Additional acoustic component

DECIBEL offer: mineral absorbent and plasterboard



Lateral sound insulation

according to EN ISO 10848-2

$D_{n,f,w}$ up to 53 dB



EPD verified

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



Opening

By lifting the panel in the grid



Reaction to fire

according to EN 13501-1

- Euroclass A1 for these products:
- Prepainted non-perforated
- Euroclass A2 s1,d0 for these products:
- Non-perforated powder postpainted
- DECIBEL offer



Cut-outs and integration

Factory cut-outs on request



Light reflection

Up to 87%



Indoor air quality

Class A+ for all these products:

- Non-perforated
 - The DECIBEL offer with a specific mineral wool pad in thin plastic film
- Class A for all the products in the DECIBEL offer, with specific surfaced insulating material



Thermal

Contact us for details on climate ceilings.



Perforations

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

Non-perforated



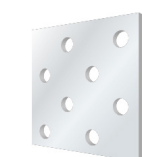
11% Dia.1.5 M



22% Dia.1.5 M



10% Dia. 2.5 M



12% Dia. 2.5 U*



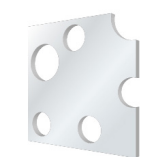
16% Dia. 2.5 U*



23% Dia. 2.5 M



18% Dia. IRR**



Possibility of stopping the perforation at the end of the panel (except 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