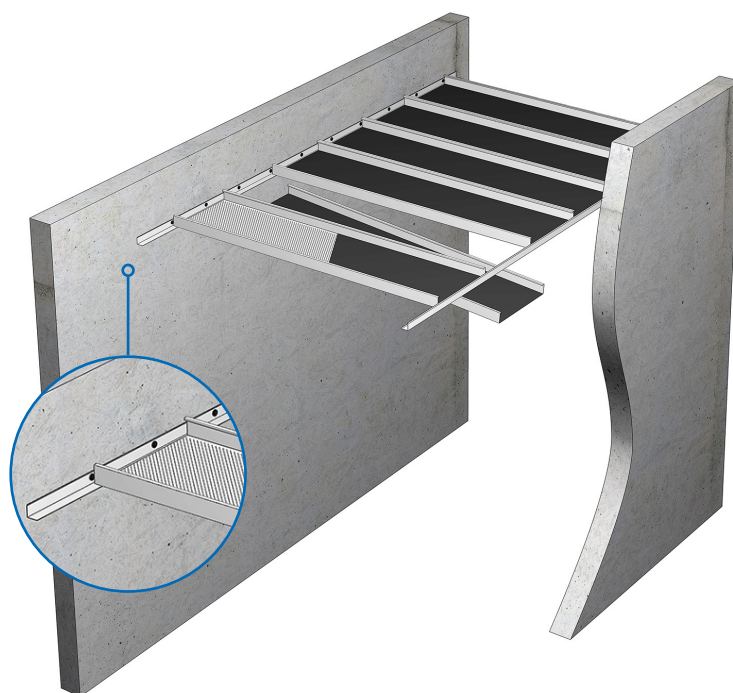
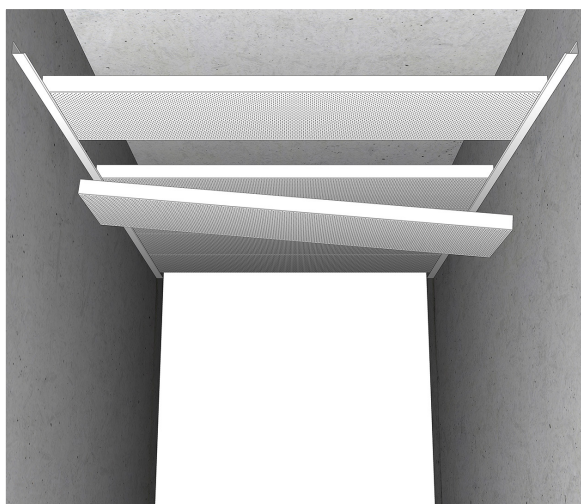


FIRE-RESISTANT SELF-SUPPORTING PANEL ON WALL ANGLE SYSTEM

PM8 SF
[PLAFOMETAL-CC-420]

General view - underneath and above



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

Description

- Self-supporting ceiling, 1/2-hour fire-resistance, designed for communal corridors in high-rise buildings in France and compliant with Belgian fire regulations.
- Panel laid on exposed wall angles.

Intended use

Ideal for: corridors that need to be fire-resistant.

Sectional view showing space requirements



FIRE-RESISTANT SELF-SUPPORTING PANEL ON WALL ANGLE SYSTEM

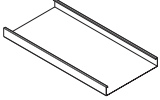

PM8 SF
[PLAFOMETAL-CC-420]

KEY FEATURES

⊕ **Safety:** 1/2-hour fire resistance
(French and Belgian regulations)

⊕ **Acoustics:** high degree of correction,
absorption factor α_w up to 1

⊕ **Installation:** easy and quick system
⊕ **Opening:** wide opening to the plenum

SYSTEM INFORMATION					
Component		Dimensions (mm)			Material
		Width	Height	Length	
	PM8 SF* panel Open End (BO) or Straight Raised End (BRD)	300	43,5	Made to order - Recommended dimension: between 900 and 2,400 mm depending on max. specified in the fire classification report*	Galvanized steel thickness 0.6 mm
	Additional acoustic component			according to panel	see ALPHA and ALPHA PLUS offer
	Wall angle or Wall angle with hemmed edges*			30x30 Lg. 3000	Steel thickness 0.8 mm
				30x30 Lg. 3000	Steel thickness 0.8 mm

* Refer to the product information sheet



Acoustics

According to standard EN ISO 11 654

α_w up to 0.80 with the ALPHA offer

α_w up to 1 with the ALPHA PLUS offer

Acoustic performance depends on the chosen perforations



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



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



Light reflection

Up to 87%



Additional acoustic component

ALPHA offer: Plafometal acoustic fleece

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



EPD verified

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



Cut-outs and integration

The ceiling should not support any loads other than its own weight. For further details, refer to the installation guide or contact us.



Opening

By lifting one edge of the panel in the grid



Fire stability

France: 1/2-hour fire stability SF according to the test described in the Order of March 22, 2004 annex 1 § 2.5 with regard to French fire regulations in the communal corridors of high-rise buildings. Implementation must comply with the classification report and extensions. Contact us.

Belgium: 1/2-hour fire stability SF as tested according to Belgian standard NBN 713-020, compliant with current fire regulations governing evacuation routes, public-access premises and collective kitchens. Implementation must comply with the classification and test report. Contact us.

SF panels and edge profiles are specific must always be fitted in compliance with the report. Contact us.

[Learn more about our 4 fire-resistant systems in the dedicated brochure](#)



Perforations

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

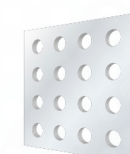
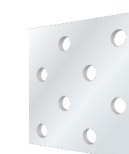
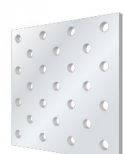
Non-perforated

11% Dia.1.5 M

10% Dia. 2.5 M

12% Dia. 2.5 U

16% Dia. 2.5 U



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