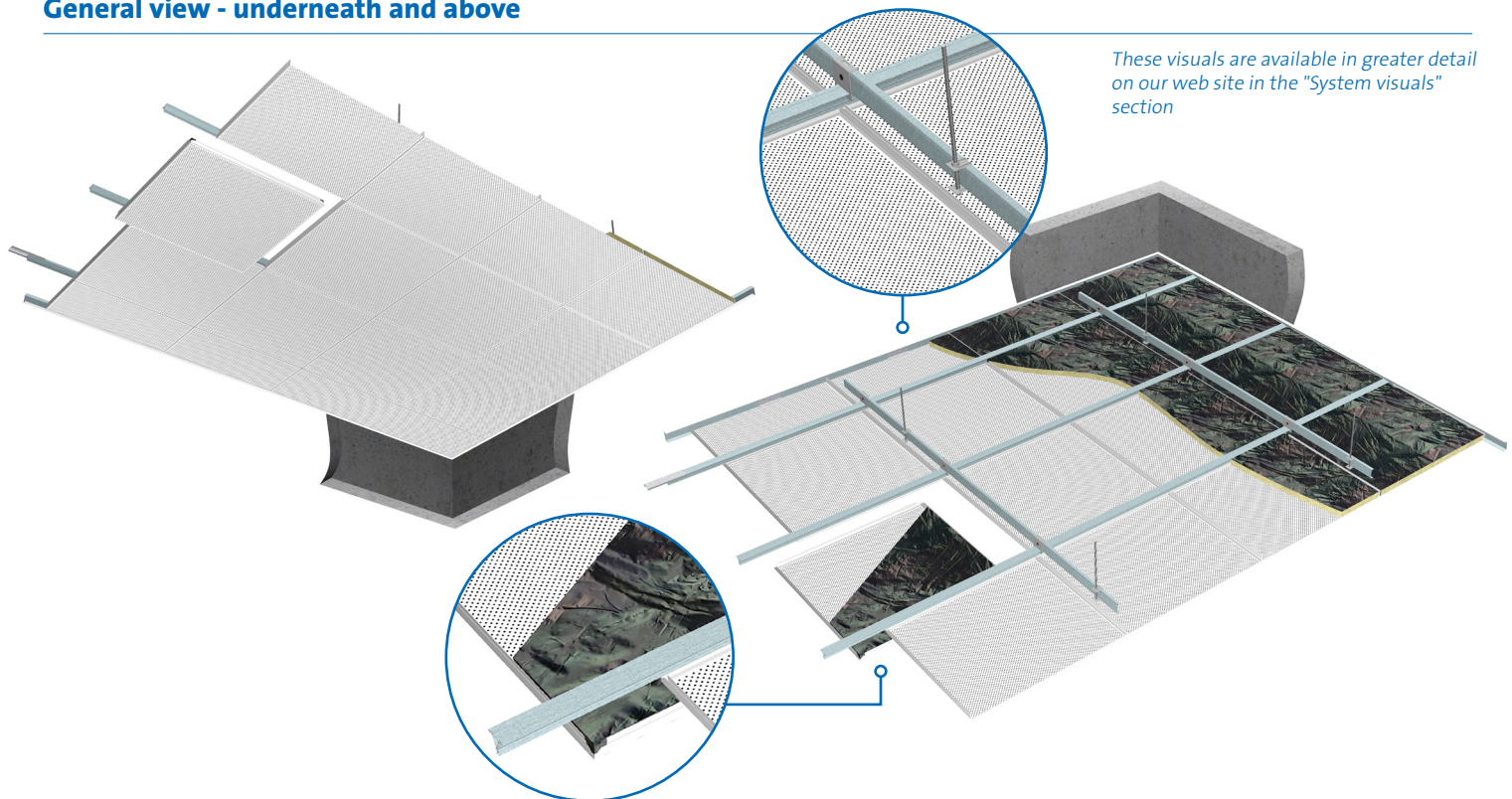


CLIP-IN TILE ON CONCEALED GRID SYSTEM, FIRE-RESISTANT

MONOBAC SF
[PLAFOMETAL-SC-240]

General view - underneath and above



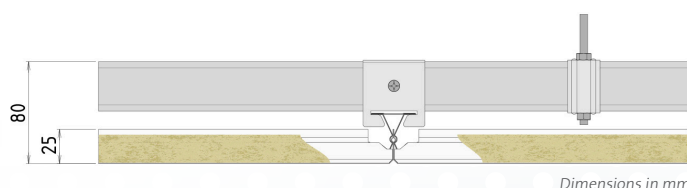
Description

- 30-minute fire-resistant system.
- Clip-in tiles with a locking ring on the four sides.
- Designed to be clipped beneath a concealed grid.
- Bevelled peripheral edges.
- Additional acoustic components available.

Intended use

Ideal for: lobbies and elevator landings with fire resistance needs.

Sectional view showing space requirements



CLIP-IN TILE
ON CONCEALED GRID SYSTEM,
FIRE-RESISTANT

MONOBAC SF
[PLAFOMETAL-SC-240]

KEY
FEATURES

+

Safety:

30-minute fire resistance (France and Belgium)

+

Acoustics:

high degree of correction, absorption factor α_w up to 1

+

Aesthetics:

ceiling with a monolithic aspect

+










Installation:

no specific installation direction

+

Opening:

secure access to the plenum (requiring use of a disassembly tool)

| SYSTEM INFORMATION | | | | | |
|--|---|-----------------------|-------|--------|--|
| | Component | Dimensions (mm) | | | Material |
| | | Height | Width | Length | |
|  | Monobac SF tile* | 26 | 600 | 600 | Galvanized steel, thickness 0.5 mm see ALPHA and ALPHA PLUS offer |
|  | Additional acoustic component | according to the tile | | | |
|  | Hanger + Perimeter wedge | 19x40x19 Lg. 3,000 | | | Steel, thickness 0.5 mm |
|  | U-section main runner | 13x38x13 Lg. 4,000 | | | Steel |
|  | Suspension flange for U-section main runner | | | | Steel |
|  | T-section secondary profile | Lg. 4,000 | | | Steel |
|  | T-section secondary profile length connector | | | | Steel |
|  | Connecting hanger | | | | Steel |
|  | U-section main runner / T-section secondary profile | | | | |

* Refer to the product datasheet

Acoustics

According to EN ISO 11654

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

Additional acoustic component

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

EPD verified

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

Light reflection

Up to 87%

Reaction to fire

according to EN 13501-1
 Euroclass A1 for these products:
 • Prepainted non-perforated
 • Prepainted in the ALPHA offer
 Euroclass A2 s1,d0 for these products:
 • Non-perforated powder postpainted
 • Powder postpainted in the ALPHA offer
 • In the ALPHA PLUS offer

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.

Indoor air quality

Class A+ for all these products:
 • Non-perforated
 • In the ALPHA offer
 • In the ALPHA PLUS offer, with a specific mineral wool pad in thin plastic film

Opening

Unclip at the bottom using the special disassembly tool.

Fire resistance

France: 30-minute fire resistance performance pursuant to the test described in Section 2.5 of Appendix 1 in the French Regulation of March 22, 2004, meeting applicable French fire regulations for shared-use corridors inside high-rise buildings. Products must be installed in compliance with the applicable fire classification report and appendices. Contact us.

Belgium: 30-minute fire resistance performance pursuant to the test defined in the Belgian NBN 713-020 standard, meeting applicable fire regulations for escape routes, public-access areas and collective kitchens. Products must be installed in compliance with the applicable fire classification and test reports. Contact us. FR panels and edge profiles are specific and must always be fitted in compliance with the report. Contact us.

[Check out our four 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




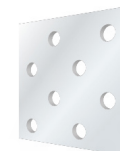



22% Dia. 1.5 M

10% Dia. 2.5 M

12% Dia. 2.5 U

16% Dia. 2.5 U

23% Dia. 2.5 M

Colors

White 137 (≈ RAL 9003) - Prepainted polyester
 Metallic Gray (RAL 9006) - Prepainted polyester - on request
 180 RAL colors on request - Postpainted polyester powder

All tiles have a non-perforated area of a few mm around the edges.

System brochure — WALL TO WALL SUSPENDED CEILINGS

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