MARVON
DOMINIAMO IL FUOCO

GROUP SILMAR



TECNOGRILLE

Technical information

TECNOGRILLE is Marvon's firestop grille studied and designed to guarantee fire resistance up to EI 120 for ventilation holes on rigid walls and floors.

TECNOGRILLE consists of a rectangular and round steel casing with a graphite-based thermo-expanding material inside that reacts when exposed to heat, sealing the crossing during a fire.

Application field

Marvon's TECNOGRILLE can be installed on rigid walls (masonry/concrete) or on rigid floors (concrete or aerated concrete) to create fire-resistant ventilation holes.

The intumescent material inside the grille expands during the fire and seals the hole completely closed, preventing flames and smoke from entering adjacent rooms, guaranteeing EI sealing and insulation requirements.

It has a fire resistance up to EI 120 classified according to the EN 13501-2 standard for:

- Masonry or concrete walls, minimum thickness 150 mm
- Floors, minimum thickness 150 mm

MARVON

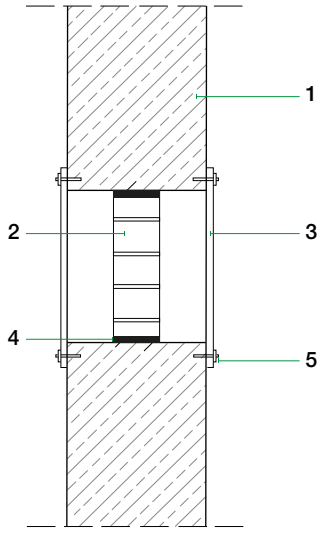
Technical data

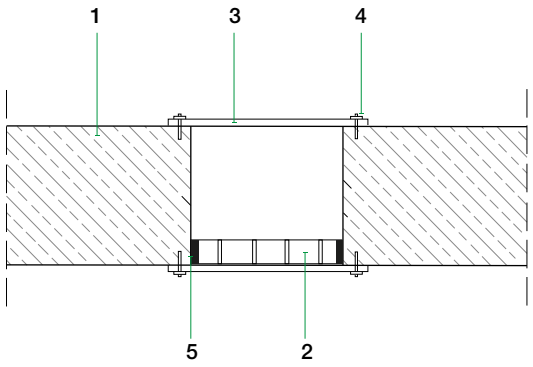
Fire resistance	Up to EI 120
Air flow	80%
Dimensions*	See chart
Casing	Steel
Intumescent material	■ Graphite base ■ Minimum expansion temperature 140°C
Colour	Steel (anthracite insert)
Storage	Unlimited (in normal conditions)

* Non-standard sizes available on request, please contact the technical office.

Examples of penetration seals

Rigid wall	Floor

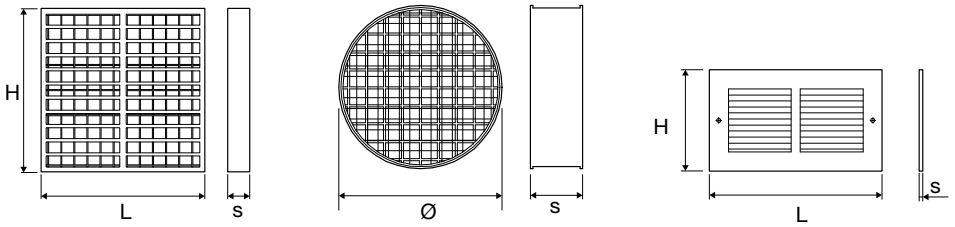




1 - Rigid wall
2 - TECNOGRILLE
3 - Cover mask
4 - TECNO-S 240 acrylic sealant
5 - Steel screws

1 - Floor
2 - TECNOGRILLE
3 - Cover mask
4 - Steel screws
5 - TECNO-S 240 acrylic sealant

Dimensions



Mod. A | Mod. B | Mod. C Cover mask

COD.	Model	Dimensions	Thickness	EI	M.O.Q.
MA0TF505075	A	200x100	40	120	2
MA0TF505076	A	300x300	40	120	2
MA0TF505071	B	Ø 100	80	120	5
MA0TF505072	B	Ø 200	80	120	5
MA0TF505073	B	Ø 300	80	120	5
MA0TF505077	C	203x102	5	-	10
MA0TF505078	C	305x305	5	-	5
MA0TF505080	C	102x102	5	-	10
MA0TF505081	C	203x203	5	-	10

All the dimensions are in mm.

Packaging

Cardboard boxes.

Standard rules

- Test Standard: EN 1364-1 1365-2
- Fire Classification Standard: EN 13501-2

Certifications

- Classification Report: 01245/18/Z00NZP

Technical specification

Supply and installation of TECNOGRILLE firestop grille, consisting of a steel casing containing thermo-expanding material, certified according to the classification report 01245/18/Z00NZP for the protection of up to EI 120 of ventilation holes on masonry walls and floors.

Circular grids range from Ø 100 mm to Ø 300 mm.

Rectangular grids range from 200x100 mm - 300x300 mm.

Cover mask range from 203x102 mm - 305x305 mm - 102x102 mm - 203x203 mm.

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Soggetta all'attività di direzione e coordinamento ex art. 2497 bis C.C.
da parte di Silmar Group S.p.A. - Codice Fiscale 02075160172

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