MARVON
DOMINIAMO IL FUOCO

GROUP SILMAR



TECNOBRICK

Technical information

TECNOBRICK is Marvon's polyurethane sponge intumescent brick designed and developed to ensure fire resistance up to EI 180 of penetration seals on wall and floor according to EN 1366-3.

TECNOBRICK is an easily shaped spongy product suitable to seal holes in different geometries.

When exposed to fire, it expands at 200°C further increasing its volume thanks to the presence of graphite.

Application field

TECNOBRICK can be used on flexible wall (plasterboard), on rigid wall (masonry, concrete or aerated concrete and on rigid floor (concrete or aerated concrete).

It has a fire resistance up to EI 180 to classified according to EN 13501-2 for:

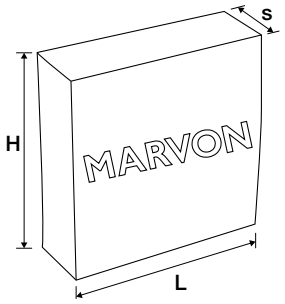
- Combustible pipes (PVC-U, PVC-C)
- Insulated multilayer pipes
- Insulated incombustible pipes (copper or steel)
- Cable trays and corrugated pipes
- Empty holes
- Ventilation ducts

N.B. The brick is used in case of large crossing and penetration of mixed services. Seal any remaining gap with TECNOGRAPHIT foam.

Technical data

Fire resistance	Up to EI 180
Fire reaction	Performance not assessed
Dimensions	150x150x50
Weight	220 g/pcs
Density	240 ±10% kg/m^3
Thermal conductibility	0.062 W/mK
Installation temperature	5°C - 35°C
Colour	Dark grey
Storage	Unlimited (under normal conditions)

Dimensions



COD.	LxH	s
MA0TF500300	150x150	50

All the dimensions are in mm.

Packaging

- 12 items for cardboard box

Standard rules

- Test Standard: EN 1366-3
- Fire Classification Standard: EN 13501-2

Certifications

Classification Reports:

- I.G. 361718/3981FR - wall - penetration seal A, D, G
- I.G. 365276/4000FR - floor - penetration seal P, Q
- I.G. 367546/4008FR - wall - infill E

Technical specification

Supply and installation of polyurethane sponge intumescent brick TECNOBRICK certified in accordance to EN 1366-3, for fire protection up to EI 180 of combustible pipes, multilayer pipes, incombustible pipes, cable trays, corrugated pipes, mixed services, empty holes and ventilation ducts on wall and floor.

The brick is used in case of large crossing and penetration of mixed services.

Seal any remaining gap with TECNOGRAPHIT foam.

For different applications please refer to Classification Reports I.G. 361718/3981FR, I.G.365276/4000FR and I.G. 367546/4008FR.

Brick dimensions 150x150x50 mm.

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Soggetta all'attività di direzione e coordinamento ex art. 2497 bis C.C.
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