



# TECNOBOARD

## Technical information

TECNOBOARD is Marvon's fire board studied and realized to ensure fire resistance up to EI 240 of penetration seals on wall and floor according to EN 1366-3.

TECNOBOARD is composed of a mineral wool board coated on both sides with a white intumescent paint. In contact with fire the paint reacts and expands, thereby preventing the passage of flame and acting as a thermal insulation.

## Application field

TECNOBOARD can be used on:

- Flexible wall (plasterboard).
- Rigid wall (masonry, concrete and aerated concrete).
- Timber wall.
- Rigid floor (concrete or aerated concrete).
- Timber floor.

It has a fire resistance up to EI 240 classified according to EN 13501-2 for:

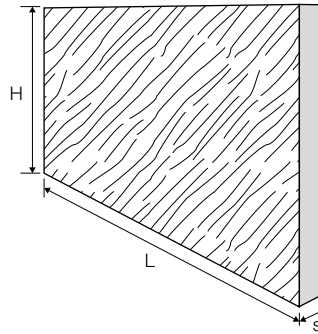
- Combustible pipes (PVC-U, PVC-C, PE, LDPE, MDPE, HDPE, ABS, SAN+PVC, PP).
- Combustible soundproof pipes (e.g. Valsir Triplus®, Valsir Silere®, Valsir PP3, Valsir Blackfire®).
- Multilayer pipes.
- Incombustible pipes (copper or steel).
- Single or bundled electrical cables.
- Cable trays and corrugated pipes.
- Empty holes.

**N.B.** The board is used in case of large crossing and penetration of mixed services. Seal any remaining gap with TECNOS 240 sealant. Use TECNOWRAP intumescent seal in the solutions provided by ETA.

## Technical data

<b>Fire resistance</b>	Up to EI 240
<b>Fire reaction</b>	Performance not assessed
<b>Dimensions</b>	1200x600 mm
<b>Board thickness</b>	60 mm
<b>Weight</b>	7.6 kg/pcs
<b>Coating</b>	White intumescent paint on both sides of board
<b>Density</b>	- Board 160 kg/m <sup>3</sup> - Coating 1350 kg/m <sup>3</sup>
<b>Thermal conductivity</b>	0,038 W/mK
<b>Installation temperature</b>	+5 ÷ +50°C
<b>Temperature range</b>	-30 ÷ +80°C
<b>Content, emission and/or release of dangerous substances</b>	IA1
<b>Storage</b>	Unlimited (in normal conditions)
<b>Working life</b>	25 years
<b>TVOC</b>	0.2 mg/m <sup>2</sup> h
<b>Durability</b>	Y <sub>1</sub> : intended for use at temperatures below 0°C with exposure to UV but no exposure to rain. Includes lower classes Y <sub>2</sub> , Z <sub>1</sub> , Z <sub>2</sub> .
<b>AVCP system</b>	1

## Dimensions



COD.	LxH	s
MA0TF505012	1200x600	60

All the dimensions are in mm.

## Packaging

- Minimum 1 piece for pallet.
- Standard 72 pieces for pallet.

## Standard rules

- Test Standard: EN 1366-3
- Fire Classification Standard: EN 13501-2
- European Assessment Document: EAD 350454-00-1104

## Certifications

- European Technical Assessment: ETA 22/0429

## Technical specification

Supply and installation of fire board TECNOBOARD, composed of mineral wood coated on both sides with intumescent paint, certified according to ETA 22/0429, for fire protection up to EI 240 of combustible pipes, multilayer pipes and incombustible pipes, single and bundled electrical cables, cable trays, corrugated pipes, mixed services and empty holes on wall and floor.

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

Seal any remaining gap with TECNO-S 240 sealant. Use TECNOWRAP intumescent seal in the solutions provided by ETA.

For different applications please refer to European Technical Assessment (ETA).

Fire board dimensions 1200x600 mm and 60 mm thick.



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