



# TECNOWRAP

## Technical information

TECNOWRAP is Marvon's intumescent seal designed and developed to ensure fire resistance up to EI 240 of penetration seals on wall and floor according to EN 1366-3.

TECNOWRAP is composed of an intumescent graphite based reactive material that in case of fire reacts sealing the crossing.

## Application field

TECNOWRAP can be used on:

- Flexible wall (gypsum).
- 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 (Valsir Triplus®, Valsir Silere®, Valsir PP3®, Valsir Blackfire®).
- Multilayer pipes.
- Incombustible pipes.

**N.B.** The annular space around TECNOWRAP is sealed with TECNOBOARD.

## Technical data

<b>Fire resistance</b>	Up to EI 240
<b>Fire reaction</b>	Performance not assessed
<b>Dimensions</b>	50x1.8 mm
<b>Roll length</b>	25 m
<b>Weight</b>	3.2 kg/pcs
<b>Intumescent material</b>	<ul style="list-style-type: none"> <li>■ Graphite based</li> <li>■ Minimum expansion temperature 150°C</li> <li>■ Average expansion time less than 10 minutes</li> <li>■ Expansion ratio 1:28</li> <li>■ Expansion pressure 55 N</li> <li>■ Graphite weight 1.3 kg/m<sup>2</sup> per mm thickness</li> <li>■ Graphite density 1300 kg/m<sup>3</sup></li> <li>■ With biadhesive</li> </ul>
<b>Colour</b>	Anthracite grey
<b>Content, emission and/or release of dangerous substances</b>	IA1, S/W3
<b>Storage</b>	Unlimited (in normal conditions)
<b>Working life</b>	25 years
<b>Durability</b>	X: use with exposure to atmospheric agents
<b>AVCP system</b>	1

## Dimensions



COD.	Hxs	L/pcs
MA0TF500500	50x1.8	25 m

All the dimensions are in mm.

## Packaging

- 25 m rolls in plastic bags

## 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 graphite based intumescent seal TECNOWRAP, certified according to ETA 22/0429, for fire protection up to EI 240 of combustible pipes, multilayer pipes and incombustible pipes, on wall and floor.

The annular space around TECNOWRAP is sealed with TECNOBOARD.

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

Intumescent seal dimensions 50x1.8 mm.

25 m rolls.



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