

# MAPEFOAM

Closed cell polyethylene foam cord, for correct sizing of elastic sealants applied into building joints



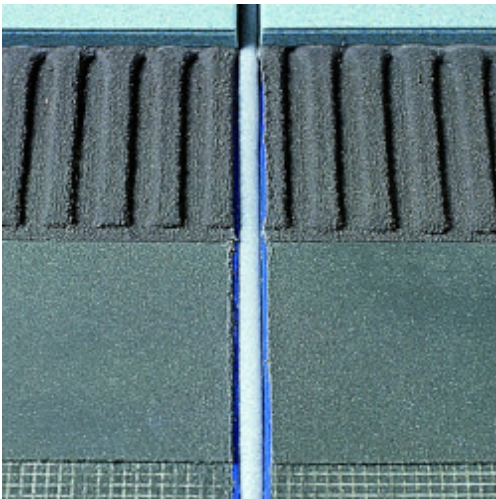
## WHERE TO USE

**Mapefoam** can be used for vertical and horizontal joints in interiors and exteriors.

**Mapefoam** is designed for correct sizing of joints in industrial ceramic tile and natural stone flooring prior to filling with elastomeric sealants.

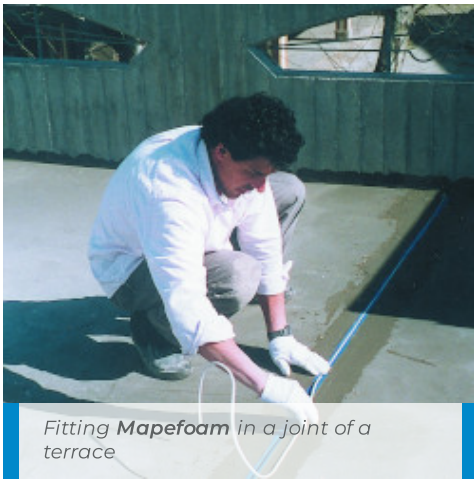
## ADVANTAGES

- expanded polyethylene cord: non-stick for subsequent elastic sealants and rot-proof over time;
- closed cell outer surface: no water absorption;
- easily compressible to promote self-support within the joint;
- the most common diameters also available in small packages (bags of 10 linear metres).



### Some application examples

**Mapefoam** can also be used for sizing joints between prefab panels, between standing finish and masonry compartments, between concrete paving slabs and in general inside joints where the use of an elastic sealant is foreseen.



Fitting **Mapefoam** in a joint of a terrace

## TECHNICAL CHARACTERISTICS

**Mapefoam** is made of closed cell polyethylene foam. It does not absorb water and its characteristics remain unchanged over time.

**Mapefoam** has a deformability such as to constitute an excellent support for all elastic sealants and its anti-adhesive surface allows the sealant to flow easily, so to make the most of its elasticity.

## RECOMMENDATIONS

Always use **Mapefoam** cord whose nominal diameter is 10-15% larger than the width of the joint to be sealed. For example, for joints 12 to 13 mm wide, use **Mapefoam** 15 mm in diameter.

## APPLICATION PROCEDURE

Before inserting the **Mapefoam** cord, make sure the inside of the joint is thoroughly clean and free of loose particles, using a vacuum-cleaner with the proper sized attachment.

**Mapefoam** of the appropriate sized diameter should be inserted into the joint, exerting slight pressure.

**N.B.** *The width and depth of the joints should be determined by the joint width, the movement anticipated, the modulus of elasticity of the sealant and the particular intended installation.*

The joint should then be sealed with an appropriate sealant from the MAPEI line of sealants.

## PACKAGING

**Mapefoam** is available in the following diameters and packaging:

- 6 mm: boxes 550 m; bags of 10 m in boxes of 12 bags
- 10 mm: boxes 550 m; bags of 10 m in boxes of 12 bags
- 15 mm: boxes 550 m; bags of 10 m in boxes of 12 bags
- 20 mm: boxes 350 m; bags of 10 m in boxes of 12 bags
- 25 mm: boxes 200 m
- 30 mm: boxes 160 m
- 40 mm: boxes 270 m

## SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

**Mapefoam** is an article and referring to the current European regulations (Reg. 1906/2007/EC - REACH) does not require the preparation of the Safety Data Sheet. During use it is recommended to wear gloves and goggles and follow the safety requirements of the workplace.

PRODUCT FOR PROFESSIONAL USE.

## TECHNICAL DATA (typical values)

### PRODUCT IDENTITY

Colour:

grey

Density:

40 kg/m<sup>3</sup>

Resistance to longitudinal tensile stress:	40 N/mm <sup>2</sup>
Resistance to transversal tensile stress:	31 N/mm <sup>2</sup>
Longitudinal elongation:	15%
Elasticity:	10%
Resistance to solvents:	good
Resistance to deformation:	excellent
Dimensional stability:	excellent
Temperature when in use:	from -40°C to +80°C
Water absorption:	nil

## WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website [www.mapei.com](http://www.mapei.com)

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