

# Mapeband

**Rubber tape with  
alkali-resistant fabric  
for cementitious  
waterproofing systems**



## WHERE TO USE

- Waterproofing corners between adjacent walls and between walls and floors before treating with **Mapelastic** or **Mapelastic Smart**.
- Flexible waterproofing of expansion joints on terraces and balconies, etc. before treating with **Mapelastic** or **Mapelastic Smart**.
- Sealing pipes and drains in bathrooms, showers and kitchens in conjunction with **Mapeband** gaskets.
- Sealing expansion joints in precast panels.

## TECHNICAL CHARACTERISTICS

**Mapeband** is a vapour and water-resistant rubber tape with fabric edging which is resistant to alkali.

**Mapeband** is elastic and deformable even at low temperatures with excellent resistance to adverse weather conditions.

**Mapeband** is resistant to alkalis, acids and salt solutions (for special cases, test before using).

**Mapeband** is also available in ready-made internal and external corner sections along with **Mapeband** gaskets for pipes in bathrooms, kitchens, showers, etc.

## RECOMMENDATIONS

- For perfect sealing on corners use **Mapeband 90°** and **270°** special corner pieces.
- For perfect sealing on pipes use **Mapeband** gaskets.
- In correspondence with T or cross joints, use the special **Mapeband T** or **Mapeband Cross** profiles.

## APPLICATION PROCEDURE

Apply a thin layer of **Mapegum WPS**, **Mapelastic** or **Mapelastic Smart**, at least 1 mm thick, to the sides of the corners and expansion joints to be waterproofed with **Mapeband**.

Apply the fabric side of the **Mapeband** tape or special pieces over the fresh layer of **Mapelastic** or **Mapelastic Smart**, using a smooth trowel.

It is essential that **Mapelastic** or **Mapelastic Smart** wet both sides of the **Mapeband**, also the rubber tape, for a width of several mm.

For movement joints (i.e. in terraces) **Mapeband** must be positioned in the shape of an omega  $\Omega$  (see overleaf): **Mapeband** can then be subjected to tension.

Joints between **Mapeband** strips must be sealed with **Adesilex T**, **Adesilex T Super** or **Adesilex LP**.

## PACKAGING

- 50 m rolls of 120 mm total width.
- Rolls of 10 m x 120 mm of total width.
- Angles of 90° and 270°.
- Gaskets for 120x120-mm and 400x400-mm pipes.
- 515 x 315 mm special T profiles.
- 515 x 515 mm special Cross profiles.

## SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

**Mapeband** is an article and referring to the current European regulations (Reg. 1906/2007/CE - REACH) does not require the preparation of the material safety data sheet. During use it is recommended to wear gloves and goggles and follow the safety requirements of the workplace.

# Mapeband

## TECHNICAL DATA (typical values)

### PRODUCT IDENTITY

Tensile strength (according to ISO 527-1) (N/mm <sup>2</sup> ):	> 2
Ultimate elongation (according to ISO 527-1) (%):	> 400
Tear resistance (according to DIN 53363) (N/mm):	> 100
Temperature when in use:	from -30°C to +60°C
Alkali resistance (according to EN 1847) (days / temp. / concentration):	90 / +23°C / 10%
Vapour diffusion strength coefficient (μ):	approx. 30,000



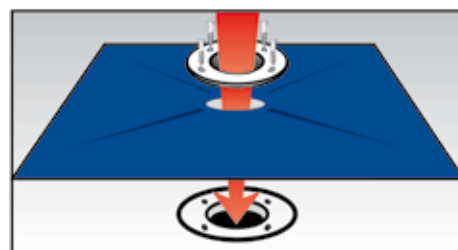
An example of waterproofing an expansion joint on a terrace



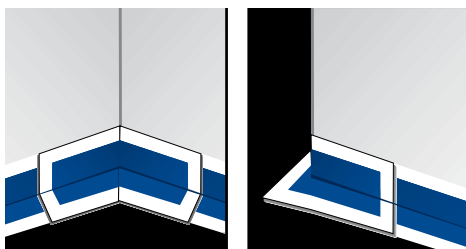
An example of Mapeband waterproofing a corner between the bottom and a side of a bath tub



Ω positioning of Mapeband inside an expansion joint



Positioning of gasket for flexible waterproofing and sealing of drain outlets 400 mm x 400 mm



Positioning of corner 90°

Positioning of corner 270°



Positioning of special T profiles



Positioning of special Cross profiles

PRODUCT FOR PROFESSIONAL USE.

### 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)

All relevant references for the product are available upon request and from [www.mapei.com](http://www.mapei.com)



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