

# Mapeband

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



## WHERE TO USE

- Waterproofing corners between adjacent walls and between walls and floors before treating with **Mapegum WPS**, **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 pre-fabricated 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** special corner pieces.
- For perfect sealing on pipes use **Mapeband** gaskets.

## 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 (corners and gaskets) over the fresh layer of **Mapegum WPS**, **Mapelastic** or **Mapelastic Smart**, using a smooth trowel.

It is essential that the **Mapegum WPS**, **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;
- angles of 90° and 270°;
- gaskets for 118x118-mm and 300x300-mm pipes.

FOR PROFESSIONALS.

## WARNING

*Although the technical details and recommendations contained in this report 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 applications; 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.*

# Mapeband



An example of waterproofing a structural joint on a terrace

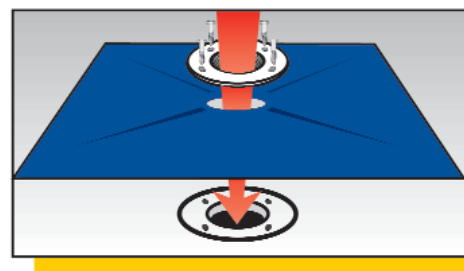


An example of Mapeband waterproofing a corner between the bottom and a side of a bath tub

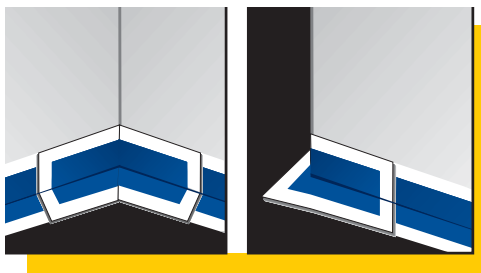
TECHNICAL DATA (typical values)	
<b>PRODUCT IDENTITY</b>	
Tensile strength (according to ISO 527-1) (N/mm <sup>2</sup> ):	> 2
Ultimate elongation (according to ISO 527-1) (N/mm <sup>2</sup> ):	> 400
Tear resistance (according to DIN 53363) (N/mm <sup>2</sup> ):	> 100
Temperature when in use:	from -30 °C to +60 °C
Alkali resistance (according to EN 1847) (days / temp. / concenction):	90 / +23°C / 10%
Vapour diffusion strength coefficient (μ):	approx. 30,000
Custom class:	3921 90 90



Ω positioning of Mapeband inside an expansion joint



Positioning of gasket for flexible waterproofing and sealing of drain outlets 300 mm x 300 mm



Positioning of corner 90°

Positioning of corner 270°

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