

Mapeband

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



WHERE TO USE

- Waterproofing corners between adjacent walls and between walls and floors before treating with **Mapelastico**, **Mapelastico Smart**, **Mapelastico Turbo** or **Mapelastico AquaDefense**.
- Flexible waterproofing of expansion joints on terraces and balconies, etc. before treating with **Mapelastico**, **Mapelastico Smart**, **Mapelastico Turbo** or **Mapelastico AquaDefense**.
- 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.
- Use **Adesilex LP** rather than a waterproofing product for the joints between pieces of **Mapeband**.

APPLICATION PROCEDURE

Apply a thin layer of **Mapelastico**, **Mapelastico Smart**,

Mapelastico Turbo or **Mapelastico AquaDefense**, 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 **Mapelastico**, **Mapelastico Smart**, **Mapelastico Turbo** or **Mapelastico AquaDefense**, using a smooth trowel.

It is essential that **Mapelastico**, **Mapelastico Smart**, **Mapelastico Turbo** or **Mapelastico AquaDefense** 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 Ω (see overleaf): **Mapeband** can then be subjected to tension.

Joints between **Mapeband** strips must be sealed with **Adesilex LP**.

PACKAGING

- 50 m rolls of 120 mm total width.
- 10 m rolls of 120 mm total width.
- 90° and 270° angles.
- Gaskets for 120x120-mm and 400x400-mm pipes.
- 515x315 mm special T profiles.
- 515x515 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 its use it is recommended to wear gloves and goggles and follow the safety requirements of the workplace.

PRODUCT FOR PROFESSIONAL USE.

Mapeband



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

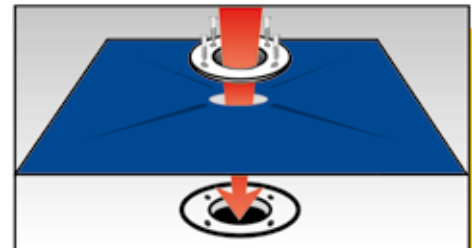
TECHNICAL DATA (typical values)

PRODUCT IDENTITY

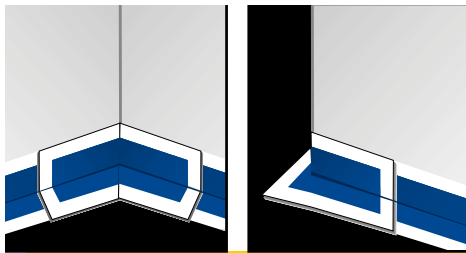
Tensile strength (according to EN 12311-2, Method B) (N/mm ²):	> 2
Ultimate elongation (according to EN 12311-2, Method B) (%):	≥ 300
Tear resistance (according to EN 12310-2) (N):	≥ 100
Temperature when in use:	from -20°C to +60°C
Alkali resistance (according to EN 1847 and EN ISO 527-3) (%):	variation ≤ ± 20
Vapour diffusion strength coefficient (μ):	approx. 30,000 (± 30%)



Ω positioning of Mapeband inside an expansion joint

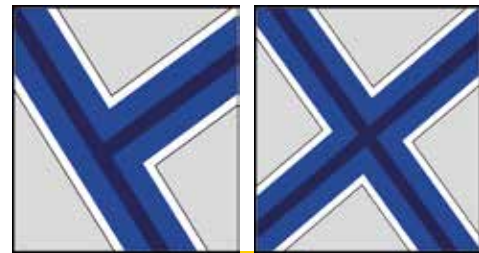


Positioning of gasket for flexible waterproofing and sealing of drain outlets (400 mm x 400 mm)



Positioning of corner 90°

Positioning of corner 270°



Positioning of special T profiles

Positioning of special cross profiles

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

LEGAL NOTICE

The contents of this Technical Data

Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in effect at the time of the MAPEI product installation. For the most up-to-date TDS and warranty information, please visit our website at www.mapei.com. **ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED MAPEI WARRANTIES.**

All relevant references for the product are available upon request and from www.mapei.com



BUILDING THE FUTURE