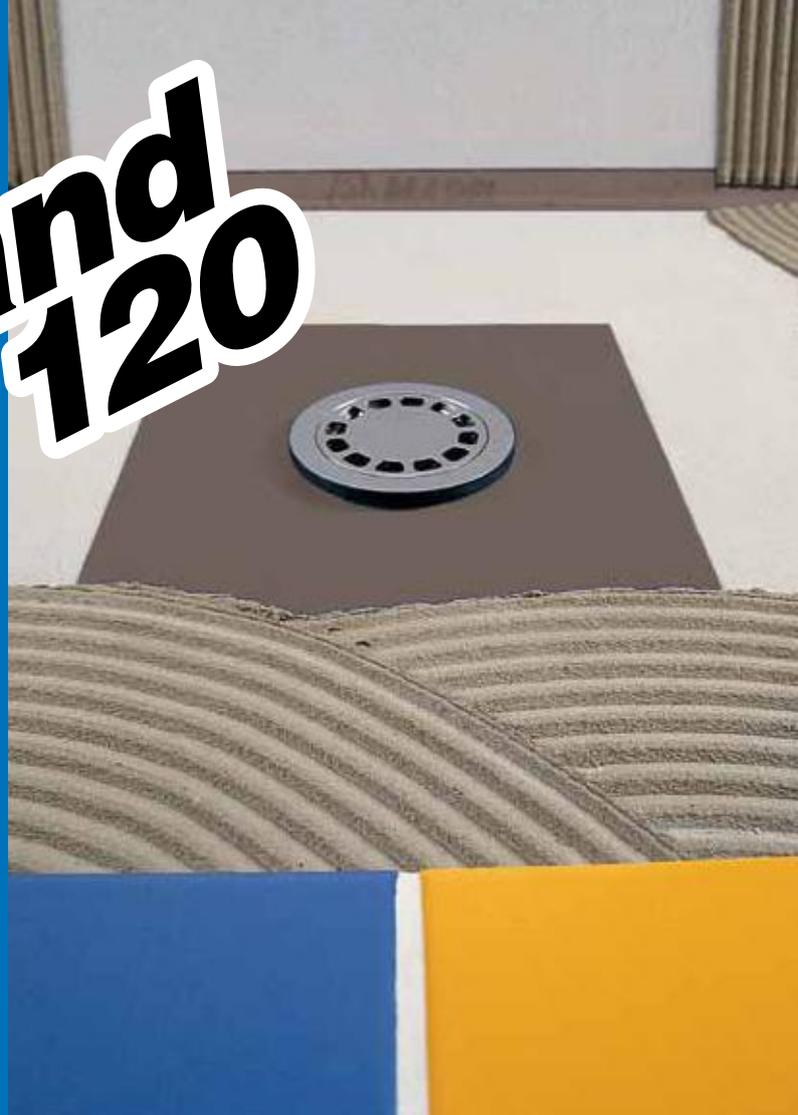


# Mapeband PE 120

**PVC tape for waterproofing systems created using liquid membranes**



## WHERE TO USE

- Waterproofing corners between adjacent walls and between walls and floors to be treated with **Mapegum WPS**.
- Sealing pipe-work and drains in bathrooms, showers and kitchens with special **Mapeband PE 120** seals.

## TECHNICAL CHARACTERISTICS

**Mapeband PE 120** is made from polyester mesh and PVC fabric which is impermeable to water and vapour.

**Mapeband PE 120** is elastic and deformable.

**Mapeband PE 120** is also supplied in special shapes for use on internal and external of corners, and as seals for pipe-work in bathrooms, kitchens, showers etc. and drains.

## RECOMMENDATIONS

- To get a perfect seal in corners, use the special pre-shaped **Mapeband PE 120** pieces.
- To get a perfect seal around pipe-work, use the special **Mapeband PE 120** seals.

## APPLICATION PROCEDURE

Apply a thin layer at least 1 mm thick of **Mapegum WPS** to the sides of the corners and

expansion joints to be waterproofed with **Mapeband PE 120**.

Embed the mesh part of **Mapeband PE 120** tape or special shaped pieces (angle pieces and seals) in the layer of **Mapegum WPS** while it is still fresh with a smooth trowel.

**Mapegum WPS** must also come into contact with at least a few mm of the PVC part of **Mapeband PE 120**.

Joints between adjacent pieces of **Mapeband PE 120** must be bonded using **Adesilex T Super**, solvent resin-based adhesive.

## PACKAGING

- 10 m and 50 m rolls, 120 mm wide.
- 90° and 270° angle pieces (boxes of 25).
- Seals for 120x120 mm through holes (boxes of 25) and 425x425 mm through holes (boxes of 10).

## STORAGE

We recommend keeping **Mapeband PE 120** in its original packaging when storing on site.

## SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

According to our experience and knowledge, **Mapeband PE 120** is not hazardous.

# Mapeband PE 120



## TECHNICAL DATA (typical values)

### PRODUCT IDENTITY

|   |                    |
|---|--------------------|
| Thickness of tape (mm):                           | approx. 0.70       |
| Resistance to water under pressure (bar):         | 1.5                |
| Elongation at break (according to ISO 527-1) (%): | > 135              |
| In service temperature range:                     | from -5°C to +30°C |

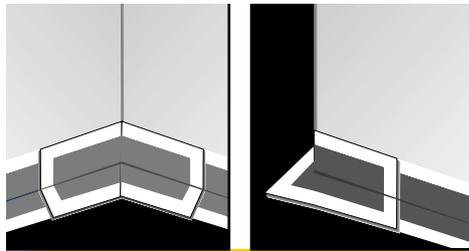
### Chemical resistance for continuous containment of the following aggressive products (7 days at +23°C):

|                                    |      |
|------------------------------------|------|
| - hydrochloric acid (3%):          | good |
| - sulphuric acid (35%):            | good |
| - citric acid (100 g/l):           | good |
| - lactic acid (5%):                | good |
| - sodium hypochlorite (0.3 g/l):   | good |
| - salt water (20 g/l of sea salt): | good |

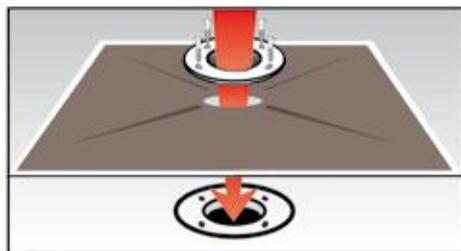
### SPECIAL MAPEBAND PE 120 SHAPED PIECES



Positioning Mapeband PE 120 in an omega pattern in an expansion joint



Corner pieces



Square PVC element for flexible waterproofing and sealing of a 425 mm x 425 mm drain

It contains bis (2-ethylhexyl) phthalate - Reg. 1907/2006/CE (REACH).

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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