



# 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 PVC HP**, solvent resin-based adhesive.

## PACKAGING

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

## STORAGE

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

## SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

**Mapeband PE 120** 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.

## 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,*

# 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
EMICODE:	EC1 Plus - very low emission

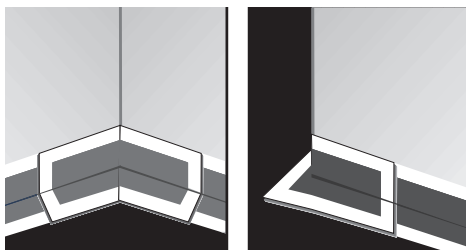
Chemical resistance for continuous containment of the following aggressive products (7 days at +23°C):

- 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

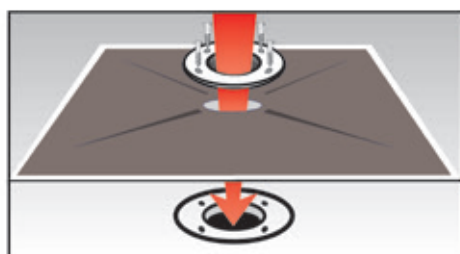
### SPECIAL MAPEBAND PE 120 SHAPED PIECES



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

*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)

### 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 force at the time of the MAPEI product installation.*

*The most up-to-date TDS can be downloaded from our website [www.mapei.com](http://www.mapei.com).*

**ANY ALTERATION TO THE WORDING OR REQUIREMENTS CONTAINED OR DERIVED FROM THIS TDS EXCLUDES THE RESPONSIBILITY OF MAPEI.**



This symbol is used to identify Mapei products which give off a low level of volatile organic compounds (VOC) as certified by GEV (Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.), an international organisation for controlling the level of emissions from products used for floors.

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



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