



# Mapeband SA



**Self-adhesive butyl tape with alkali-resistant, non-woven fabric for elastic waterproofing systems**

## WHERE TO USE

**Mapeband SA** is a self-adhesive butyl rubber tape used to waterproof fillets between horizontal and vertical surfaces on terraces, balconies and in bathrooms and showers.

This tape is a complementary product for elastic waterproofing systems, such as those of **Mapelastic** and **Aquaflex Roof** ranges, or such as **Mapegum WPS**.

## Some application examples

- Waterproofing corners and fillets between floors and walls on terraces, balconies and in bathrooms.
- Sealing different types of material (bitumen membranes, metal, ceramic and cementitious screeds).
- Sealing small, hard-to-reach fillets such as those between window and door fittings, ledges and substrates.

## ADVANTAGES

- Quick, simple application.
- Versatile.
- Alkali-resistant.
- Excellent adhesion to any type of substrate.

## TECHNICAL CHARACTERISTICS

**Mapeband SA** is a self-adhesive tape made from butyl rubber with alkali-resistant, non-woven polypropylene fabric bonded on the outer surface that guarantees excellent adhesion for the waterproofing system to be applied over it.

**Mapeband SA** adheres to various types of non-absorbent substrates such as aluminium, copper, steel, plastic, bitumen waterproofing membranes, ceramic and to absorbent substrates such as concrete, masonry, aerated concrete, fibre-reinforced cement and render.

**Mapeband SA** is immediately resistant to water and heavy rain and has good tear strength.

## RECOMMENDATIONS

- Do not use **Mapeband SA** on damp substrates.
- Do not use **Mapeband SA** to seal areas subjected to water under pressure.
- Use **Mapeband SA** in combination with waterproofing systems such as **Mapegum WPS** or **Aquaflex Roof** or with products from the **Mapelastic** range.
- If applied on ceramic, treat the surface with a coat of **Eco Prim Grip** primer before applying **Mapeband SA**.

# Mapeband SA



Application of Mapeband SA on a screed



Application of Mapeband SA in difficult areas, such as under a doorstep



Application of Mapeband SA in corners

## TECHNICAL DATA (typical values)

### PRODUCT IDENTITY

Types of material:	butyl rubber with non-woven fabric
Colour:	grey
Width (mm):	100
Thickness (mm):	approx. 2
Density of layer of butyl rubber (g/cm <sup>3</sup> ) ISO 10563:	approx. 1.60

### APPLICATION DATA

Application temperature range:	from +5°C to +30°C
Service temperatures:	from -30°C to +80°C

### FINAL PERFORMANCE

Peel adhesion after 7 days at +23°C (N/mm):	
– concrete:	2.0
– copper:	2.0
– aluminium:	1.5
– steel:	2.2
– ceramic treated with Eco Prim Grip beforehand:	2.0
– Topcem Pronto:	1.8
– bituminous membrane treated with Primer for Aquaflex:	1.3

- When applying the product on bitumen membranes, treat surfaces beforehand with a coat of **Primer for Aquaflex**.
- Apply at a temperature between +5°C and +30°C.

### APPLICATION PROCEDURE

#### Substrate preparation

Surfaces on which **Mapeband SA** is to be applied must be well-cured, sound, clean and dry and must be free of all traces of oil, grease, cement laitance and any other product or substance that could prevent the adhesive tape from adhering fully.

**Mapeband SA** may be applied on concrete, solid and perforated bricks and concrete blocks as long as they have no sharp corners or rough edges.

If surfaces need to be skimmed, use a product from MAPEI's **Planitop** or **Mapegrout** ranges.

On crumbly or dusty screeds, consolidate the surface with MAPEI's **Primer 3296** before applying **Mapeband SA**.

Consumption varies from 0.1 to 0.5 kg/m<sup>2</sup>,

depending on the absorption and porosity of the surface to be treated.

For existing ceramic floors, on the other hand, the surface must be treated with MAPEI **Eco Prim Grip** before applying **Mapeband SA**.

If **Mapeband SA** needs to be applied on a bitumen membranes, it must be perfectly clean and treated with a coat of **Primer for Aquaflex**. Apply **Mapeband SA** when the primer is touch dry.

#### Application of the product

Unroll the **Mapeband SA**, place it on a solid base and trim to the length required with a cutter.

Place the **Mapeband SA** at the start of the fillet to be waterproofed and partially remove one of the two sides of the protective film. Press down on the tape from the centre towards the edges to help it adhere and to prevent creases forming and air bubbles remaining under the tape. Remove the remaining protective film to complete application of the strip of **Mapeband SA**.

Joints between strips of tape must overlap by at least 5 cm.

Once all the tape has been applied, go over the entire surface with a rubber roller to make sure it is well adhered.

To finish, waterproof the substrate with a product from the **Mapelastic** range, **Mapegum WPS** or **Aquaflex Roof**.

#### **PACKAGING**

- Boxes containing one 25 m x 10 cm roll of tape.
- Box containing 10 squares 370 mm x 370 mm.

#### **STORAGE**

Store at a temperature of +20°C. Ensure it is not squashed and protect from damp and heat.

#### **SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION**

**Mapeband SA** 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 protective 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, 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.***

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



*Application of Mapeband SA around edges*





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