MAPEI

Mapeproof Mastic

Natural sodium bentonite grout with plasticising additives

WHERE TO USE
Mapeproof Mastic is a bentonite paste specifically formulated for sealing, grouting and repairing **Mapeproof** bentonite sheets.

Some application examples
Mapeproof Mastic is used for:

- sealing through elements (reinforcement rods in pile heads, piping, drainage wells, etc.);

- grouting connector rods (connection and reinforcement rods);

- localised repairs in damaged bentonite **Mapeproof** sheets;

- guaranteeing continuity in waterproofing between **Mapeproof** bentonite sheets and **Mapelastic Foundation** or products from the **Plastimul** range applied on vertical surfaces after pouring.

TECHNICAL CHARACTERISTICS
Mapeproof Mastic is a ready-to-use grout made from natural sodium bentonite and plasticising additives.
One of its main characteristics is that it is extremely easy to use.
It is applied dry by trowel on horizontal and vertical surfaces.

RECOMMENDATIONS
The grout may dry out if exposed to the air for long periods.

Do not use **Mapeproof Mastic** in the following conditions:

- temperatures lower than +5°C;

- wet weather.

APPLICATION PROCEDURE
Apply **Mapeproof Mastic** on all surfaces, which must be dry and with no traces of dirt, grease, rust, oil or dust.

If there are through elements, cut and trim **Mapeproof** bentonite sheet to shape around the elements.
Apply **Mapeproof Mastic** on top of the sheet, then position a piece of sheet fixed in place with nails and **Mapeproof CD** washers.

If there are connector rods, spread on the **Mapeproof** bentonite sheet and make holes in the sheet to allow the rods to pass through it. Grout the holes for the rods with **Mapeproof Mastic**.

To waterproof vertical surfaces after pouring concrete, use **Mapelastic Foundation** or a

Mapeproof Mastic

TECHNICAL DATA (typical values)

PHYSICAL-CHEMICAL CHARACTERISTICS	
Density (kg/dm³):	1.5
Behaviour in water:	bentonite hydrates freely and swells
Composition:	50% sodium bentonite; 50% non-toxic plasticising agents

Fig. 1 - Application by trowel of Mapeproof Mastic around through piping

Fig. 2 - Application of Mapeproof Mastic around reinforcement rods in pile heads

Fig. 3 - Sealing a piece of Mapeproof sheet around steel reinforcement rods with Mapeproof Mastic

Fig. 4 - Grouting connection rods with Mapeproof Mastic

Fig. 5 - Sealing between Mapeproof bentonite sheet and Mapelastic Foundation with Mapeproof Mastic

Fig. 6 - Sealing between Mapeproof bentonite sheets with Mapeproof Mastic

product from the **Plastimul** range, and grout the 10 cm overlaps between the **Mapeproof** bentonite sheet applied under the foundation slab and **Mapelastic Foundation** or **Plastimul** with **Mapeproof Mastic** to guarantee continuity in the waterproofing layer.

CONSUMPTION
1.5 kg/m^2 of fresh product per mm of thickness.

PACKAGING
10 litre drums containing 15 kg of product.

STORAGE
12 months in its original packaging; protect from freezing weather.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION
Mapeproof Mastic is not considered hazardous according to current norms and guidelines regarding the classification of mixtures. We recommend using protective gloves and goggles, and to take the usual precautions for handling chemical products.
For further and complete information about the safe use of our product please refer to our latest version of the Material Safety Data Sheet.

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

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

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