Mapethene Primer

Solvent-free bitumen primer for membranes from the Mapethene line

WHERE TO USE
Mapethene Primer is used as a primer for self-adhesive bitumen membranes from the **Mapethene** line.

ADVANTAGES
- Ready to use.
- Applied by brush, roller or spray.
- Quick drying.
- Solvent-free.

TECHNICAL CHARACTERISTICS
Mapethene Primer is a ready-to-use, solvent-free, water-based bitumen primer for use with self-adhesive bitumen membranes from the **Mapethene** line.

RECOMMENDATIONS
Do not use **Mapethene Primer** in the following cases:
- during rainy weather;
- on substrates with condensation or free-standing water on the surface.

APPLICATION PROCEDURE
Substrate preparation
Mapethene Primer may be applied on concrete, solid bricks and vibro-compressed concrete blocks. Substrates must be dry, flat, sound and clean. Remove cement laitance, loose and crumbling parts and traces of dust, grease and form release agents with high pressure water jets and wait until all the water has dried off. Completely remove all traces of any old waterproofing layers.

If the reinforced cement structure to be waterproofed with a membrane from the **Mapethene** line has honeycombs or other irregularities, remove them with hand or power tools or by hydro-demolishing. Carefully clean any exposed pieces of rebar, treat them with a coat of **Mapefer 1K** anti-corrosion cementitious mortar and fill all gaps and demolished areas with **Planitop Smooth&Repair R4** quick-setting, compensated-shrinkage, thixotropic cementitious structural mortar or a suitable product from the **Mapegrout** line of mortars.

For application on the surface of bricks or blocks, on the other hand, completely remove all traces of mortar protruding from between the blocks, skim over any defects and grout any gaps in the joints with **Mapegrout 430** fine-textured thixotropic mortar or **Mapewall Render & Strengthen** high strength, natural hydraulic lime-based rendering and masonry mortar.

Then blend in all the corners between the foundations and walls and between adjacent vertical walls with the same products recommended to repair the surfaces and round off any sharp edges or corners.

Application
After preparing the substrate as specified, apply a coat of **Mapethene Primer** with a brush, roller or by airless spray.
The product is supplied ready to use, but mixing the

Mapethene Primer

TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
Consistency:	fluid
Colour:	black
Density (kg/m³):	1.00
Dry solids content (%):	42
Viscosity (mPa·s):	12,000 (spindle 5 - 20 rpm)
APPLICATION DATA	
Application temperature:	+5°C to +40°C
Drying time at +23°C and 50% R.H. (mins.):	approx. 45

contents of the drum before use is recommended so that it is perfectly blended.

Cleaning
Clean hands with lukewarm water and tools with water or thinners.

PACKAGING
10 kg drums.

CONSUMPTION
Approx. 0.1-0.2 kg/m². This consumption rate is for indication purposes only and may increase, depending on the roughness of the substrate.

STORAGE
Mapethene Primer may be stored for 18 months in its original packaging. Protect from freezing weather.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION
Mapethene Primer is not considered hazardous according to current norms and guidelines regarding the classification of mixtures.
It is recommended to wear protective gloves and goggles and to take the usual precautions for handling chemicals.
For further and complete information about the safe use of our product please refer to the latest version of our 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

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