



# New Guard Coatings Group

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This information is not exhaustive and it is the user's responsibility to ensure that this data sheet is the most current by contacting their local New Guard Coatings Group branch prior to using the coating/product.

[www.newguardcoatings.com](http://www.newguardcoatings.com)

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# PLASTIMUL PRIMER

Solvent-free, bitumen primer for treating substrates before applying a waterproofing product from the **Plastimul** range



## WHERE TO USE

Even out and improve bonding to the substrate before applying waterproofing products from the **Plastimul** range.

## TECHNICAL CHARACTERISTICS

**Plastimul Primer** is a one-component, solvent-free bitumen emulsion with good workability properties, produced according to a formula developed in MAPEI's own Research & Development Laboratories.

**Plastimul Primer** may be applied by brush or roller and is resistant to aggressive substances in the ground.

**Plastimul Primer** dries quickly.

**Plastimul Primer** consolidates and improves bonding of **Plastimul** waterproofing treatments applied later.

**Plastimul Primer** is resistant to ageing and adheres to dry substrates.

**Plastimul Primer** may be applied both internally and externally.

## RECOMMENDATIONS

- Do not dilute **Plastimul Primer** with solvents.
- Do not mix **Plastimul Primer** with cement or additives.
- Do not apply **Plastimul Primer** if the temperature is lower than +5°C or higher than +30°C.
- Do not use for waterproofing without a successive application of products from the **Plastimul** range.
- Do not use for waterproofing structures with water in counter pressure.
- Do not apply on old screeds and existing layers of bitumen.
- Do not apply on substrates containing tar.

## APPLICATION PROCEDURE

### Preparation of the substrate

Before applying **Plastimul Primer** on substrates such as vibro-compressed concrete blocks, solid terracotta bricks, breeze blocks, cellular concrete blocks, lightened bricks and solid pumice bricks, make sure that the surface is perfectly clean, solid and sufficiently even. Carefully remove traces of installation mortar protruding from between the bricks or blocks.

Grout any empty spaces in the joints using either **Mapegrout Fast-Set**, quick-setting fibre-reinforced cementitious mortar if waterproofing is required quickly, or **Mapegrout Thixotropic**, shrinkage-compensated, fibre-reinforced mortar. Cavities and cracks deeper than 5 mm must be smoothed over with **Mapegrout Fast-Set** or with the chosen mortar.

As an alternative, if cavities are less than 5 mm depth, the surface may be smoothed over with a bitumen waterproofing product, to avoid entraining air bubbles and thus causing blisters to form. As an alternative, a mortar made using sand and cement with added **Planicrete**, rubber for cementitious mixes latex, may be applied.

Create a fillet to blend in the foundations with the side walls using **Mapegrout Fast-Set** or **Mapegrout Thixotropic**.

## Application

Shake **Plastimul Primer** well in its own tank to make sure that it is perfectly homogenous. Apply using a brush or roller on dry surfaces in a single coat. The product dries in approximately 30 minutes.

## Cleaning

With water while still fresh. Mechanically or with thinners once hardened.

## CONSUMPTION

According to the roughness and absorption of the substrate, approx. 100-200 g/m<sup>2</sup>.

## PACKAGING

10 kg plastic tanks.

## STORAGE

12 months.

## SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

**Plastimul Primer** is not considered as dangerous according to the current regulation regarding the classification of mixtures.

It is recommended to use of 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 the latest version of our Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)	
<b>PRODUCT IDENTITY</b>	
Consistency:	liquid
Colour:	black
Density (kg/cm <sup>3</sup> ):	1
pH:	10
Brookfield Viscosity (mPa·s):	15 (rotor 1 - rpm 100)
Dry solids content (%):	20
<b>APPLICATION DATA (at +23°C and 50% R.H.)</b>	
Application temperature range:	from +5°C to +30°C
Condition of substrate:	dry, slightly damp
Ready for dressing:	after hardening

## 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)

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