

Plastimul Primer

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



WHERE TO USE

To even out and improve bonding to the substrate before applying waterproofing products from the **Plastimul** range, such as: **Plastimul 1K Super**, **Plastimul 1K Super Plus**, **Plastimul 2K** and **Plastimul 2K Super**.

TECHNICAL CHARACTERISTICS

Plastimul Primer is a single component, solvent-free bitumen emulsion with good workability properties, produced according to a formula developed in MAPEI's own research 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.

RECOMMENDATION

- Do not dilute **Plastimul Primer** with solvents.
- Do not mix **Plastimul Primer** with cement or additives.
- Do not lay **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 lay on old screeds and layers of bitumen.

- Do not lay 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 **Planitop 400** thixotropic, shrinkage-compensated, quick-setting and hardening mortar if waterproofing is required quickly, or **Mapegrout Thixotropic** or **Mapegrout T40** pre-blended, shrinkage-compensated, normal-setting, fibre-reinforced mortar. Cavities and cracks deeper than 5 mm must be smoothed over with **Planitop 400**. As an alternative, if cavities are less than 5 mm deep, the surface may be smoothed over with a bitumen waterproofing product, to avoid entrapment and the formation of blisters.

As an alternative, mortar made using sand and cement with added **Planicrete**, synthetic rubber latex resistant to saponification.

For this application, we recommend diluting 1 part of **Planicrete** with 2 parts of water, added to mortar made up of 1 part of cement and 2-3 parts of sand of a suitable grain size. Create a fillet to blend in

Plastimul Primer



TECHNICAL DATA (typical values)

PRODUCT IDENTITY

Consistency:	liquid, thixotropic
Colour:	black
Density (g/cm³):	1
pH:	10
Viscosity:	30
Dry solids content (%):	40
Storage:	12 months
Hazard classification according to EC 1999/45:	none. Before using refer to the "Safety instructions for preparation and application" paragraph and the information on the packaging and Safety Data Sheet
Customs class:	2715 00 00

DATI APPLICATIVI (+23°C e 50% U.R.)

Application temperature range:	substrate temperature from +5°C to +30°C
Condition of substrate:	dry, slightly damp
Ready for dressing:	after hardening

the foundations with the side walls using **Planitop 400**, **Mapegrout Thixotropic** or **Mapegrout T40**.

Application

Shake **Plastimul Primer** well in its own tub 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. 200-300 g/m².

Packaging

30 litre buckets (30 kg).
12 litre buckets (2 kg).

Storage

12 months.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Plastimul Primer is not considered as dangerous according to the European

regulation regarding the classification of preparations. It is however recommended to use gloves, eyes protection and to take the usual precaution taken when handling chemical products are recommended. The Safety Data Sheet is available upon request for professional users.

PRODUCT FOR PROFESSIONAL USE.

WARNING

While the indications and guidelines contained in this data sheet correspond to the company's knowledge and wide experience, they must be considered, under all circumstances, merely as an indication and subject to confirmation only after long-term, practical applications. Therefore, anybody who undertakes to use this product, must ensure beforehand that it is suitable for the intended application and, in all cases, the user is to be held responsible for any consequences deriving from its use.

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