WHERE TO USE
To even out and improve bonding to the substrate before applying waterproofing products from the Plastimul range.

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 & 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.

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 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 entrapment and the formation of blisters. As an alternative, mortar made using sand and cement with added Planicrete, rubber for cementitious mixes latex.
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 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. 100-200 g/m².

Packaging
20 kg buckets.

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 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

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. The most up-to-date TDS can be downloaded from our website www.mapei.com. ANY ALTERATION TO THE WORDING OR REQUIREMENTS CONTAINED OR DERIVED FROM THIS TDS EXCLUDES THE RESPONSIBILITY OF MAPEI.

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