



# Plastimul Primer SB

**High-performance rapid-drying solvent-based bituminous primer for treating concrete surfaces before applying Plastimul 2K Reactive**

## WHERE TO USE

Apply on concrete surfaces to improve and promote uniform adhesion of **Plastimul 2K Reactive** two-component, high-elasticity, instant bituminous waterproofing emulsion.

## TECHNICAL CHARACTERISTICS

**Plastimul Primer SB** is a one-component bituminous emulsion applied by brush, roller or spray according to a formula developed in MAPEI Research and Development laboratories.

**Plastimul Primer SB** has excellent capacity to close the surface pores in concrete and offers excellent adhesion to substrates. It is characterised by the rapid drying capacity of the film applied which makes it ideal for use in combination with rapid waterproofing products such as **Plastimul 2K Reactive**.

## RECOMMENDATIONS

- Do not dilute **Plastimul Primer SB**.
- Do not mix **Plastimul Primer SB** with cement or admixtures.
- Do not apply **Plastimul Primer SB** if the temperature is lower than +5°C or higher than +35°C.
- Do not apply the product on old bitumen substrates or on substrates containing tar.

## APPLICATION PROCEDURE

### Substrate preparation

Before applying **Plastimul Primer SB** on concrete make

sure the surface is sound and perfectly clean. Remove cement laitance, loose and crumbling parts and traces of dust, grease, oil and form-release compounds by sandblasting or with high pressure water jets. Remove any gravel clusters and fill the gaps with **Planitop Smooth & Repair R4**, thixotropic, structural mortar to be applied in a single layer 3 to 40 mm thick.

Blend in the areas between foundations and vertical walls by forming a fillet joint made from **Planitop Smooth & Repair R4**.

## Application

**Plastimul Primer SB** is supplied ready to use. After opening the drum we recommend mixing the product until it is thoroughly blended. Apply **Plastimul Primer SB** with a brush, roller or by spray on the surfaces to be treated.

## Cleaning

Clean tools with normal synthetic or nitrate thinners.

## CONSUMPTION

Approx. 200 g/m<sup>2</sup>, depending on the roughness and absorbency of the substrate.

## PACKAGING

**Plastimul Primer SB** is supplied in 18 kg drums.

## STORAGE

**Plastimul Primer SB** may be stored for up to 24 months in a dry place at a temperature of at least +5°C.

## TECHNICAL DATA (typical values)

### PRODUCT IDENTITY

|                               |                           |
|-------------------------------|---------------------------|
| Consistency:                  | liquid                    |
| Colour:                       | black                     |
| Density (g/cm <sup>3</sup> ): | approx. 0.9               |
| Dry solids content (%):       | 50                        |
| Brookfield viscosity (mPa·s): | 70<br>(rotor 1 - 100 rpm) |

### APPLICATION DATA

|                          |                                      |
|--------------------------|--------------------------------------|
| Application temperature: | +5°C to +35°C                        |
| Condition of substrate:  | dry or slightly damp                 |
| Drying time:             | approx. 1 hour at +23°C and 50% R.H. |

### SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

**Plastimul Primer SB** is highly inflammable. We recommend storing away from naked flames and sparks, to avoid smoking, to prevent the build up of electrostatic energy and to work in well ventilated areas. It also irritates the skin, may cause drowsiness and dizziness if inhaled and is harmful if swallowed or if it enters the respiratory system. When using the product wear protective gloves and goggles and take the usual precautions for handling chemicals. If the product comes in contact with the eyes or skin, wash immediately with plenty of water and seek medical attention. We also recommend working in well ventilated areas. If there is insufficient ventilation wear a face mask with a filter. Do not use in the presence of pregnant women.

**Plastimul Primer SB** is also hazardous for aquatic life. Do not dispose of this product in the environment.

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.

### 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)

### LEGAL NOTICE

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**All relevant references for the product are available upon request and from [www.mapei.com](http://www.mapei.com)**



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