

PLANIBOND PRIMER

Vinyl resins-based water solution for the pre-treatment of concrete surfaces

APPLICATION FIELDS

- To promote substrate wetting while maintaining the adhesion characteristics of compensated-shrinkage mortars for repairing degraded concrete.
- To promote of cementitious substrates wetting and maintain the adhesion characteristics of renders and levelling compounds.
- For application on interior and exterior surfaces.

TECHNICAL CHARACTERISTICS

Planibond Primer is a high-stability vinyl resin-based formulation in water dispersion and solvent-free. Unlike traditional primers, **Planibond Primer**, thanks to its special formulation developed in the MAPEI Research Laboratories and its wetting characteristic, allows the use of the subsequent cementitious mix even 7 days after its application. During this open time, the surfaces treated with **Planibond Primer** must be protected from rain and other contamination. **Planibond Primer** is in the form of a white latex, ready to use and easy to apply to all concrete surfaces, including vertical surfaces.

The main characteristics of **Planibond Primer** are:

- great adhesion to the support;
- perfectly compatible with the typical alkalinity of concrete surface;
- non-flammable as it contains no volatile solvents;
- not harmful to the health of the applicator and the users of the environments where it is applied;
- aging resistant.

IMPORTANT WARNINGS

- Do not apply **Planibond Primer** at temperatures below +5°C or above +35°C.
- Do not dilute **Planibond Primer** with water or solvents.
- Do not apply **Planibond Primer** on wet or damp surfaces.
- Do not expose and apply **Planibond Primer** during impending rain or unsuitable weather conditions.

APPLICATION METHODS

Preparation of the substrate

Surfaces to be treated with **Planibond Primer** must be solid, compact, and clean. Crumbling or loose parts, dust, cement slurry, traces of oil or release agents, existing paints, etc. must be removed by careful brushing, pressure water washing or hydroblasting.

Preparation of the product

Planibond Primer is a ready to use product. Shake the packaging before using it.

Application of the product

Planibond Primer can be applied by brush, roller, or spray (airless) creating a continuous film, making sure to avoid the application of an excessive amount of product that could cause dripping or stagnation that in the event must be removed. Before applying the mortar, let **Planibond Primer** dry until it is dry to the touch.

RULES TO BE OBSERVED DURING AND AFTER INSTALLATION

Avoid applying the product if temperatures are expected to fall below 5°C in the first hours after the application of **Planibond Primer**.

CLEANING

Cleaning of tools used to apply **Planibond Primer** can be done using water for both fresh and dried product.

CONSUMPTION

Approximately 0.2-0.3 kg/m² of surface to be treated.

PACKAGING

20 kg tanks.

STORAGE

12 months in original unopened packages and stored in a dry environment. Protect from frost.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Instructions for the safe use of our products can be found on the latest version of the Safety Data Sheet, available from our website www.mapei.com.
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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TECHNICAL DATA (typical values)

PRODUCT IDENTITY

Consistency:	liquid
Color:	white
Relative specific density (g/cm ³):	1,00-1,05
pH:	5,00-6,00
Application temperature:	from +5°C to +35°C
Drying time evaluated on concrete slabs according to DIN 18540 (quantity of product applied 200 g/m ²):	+5°C around 105 min +23°C around 50 min +35°C around 30 min

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