

PRIMER 3296

Acrylic primer in water dispersion for consolidating porous surfaces and unsound screeds



WHERE TO USE

Primer 3296 is for consolidating and improving the characteristics of weak, crumbly or powdery surfaces. It is also suitable for outdoor use for consolidating the surface of concrete slabs, screeds, renders, bricks, sandstone, tuff, cement and lime-based decorative mortar.

Some application examples

- Preparation of screeds with a powdery surface before laying wooden flooring with vinyl adhesives.
- Anti-dust primer for cementitious surfaces.
- Primer for levelling and smoothing cement.
- Impregnation of cement based grouts with a powdery surface to reduce their porosity and absorbency (for indoor use).
- Consolidation of surfaces for cementitious renders, tuff and sandstone.
- Impregnation of existing internal brick walls and ceilings etc. to eliminate the dust.

TECHNICAL CHARACTERISTICS

Primer 3296 is an acrylic polymer-based water-dispersion primer, made up of very fine particles, which gives it its high penetration characteristics, even on surfaces with low porosity.

Primer 3296 consolidates surfaces and eliminates dust and powder on substrates, giving them good mechanical strength.

If it is used as a primer for self-levelling smoothing products, it reduces the formation of pinholes, prevents the product from drying too quickly, helps it to level off and improves its bonding properties to the substrate.

Primer 3296 is an odourless, non-irritating product in water dispersion, suitable for application in areas where there are people present or in the vicinity of habitations.

Substrates consolidated with **Primer 3296** are not damaged by climatic attack (rain, humidity, sunlight etc.), and the consolidation effect makes them even more long-lasting.

RECOMMENDATIONS

- Do not use **Primer 3296** on surfaces which are not absorbent.
- Do not use **Primer 3296** on damp surfaces or on surfaces subject to rising damp.
- Avoid the formation of a superficial film. The product must be completely absorbed by the substrate.
- If wooden flooring is being laid after treatment with **Primer 3296**, use only vinyl adhesives (such as **Adesilex LC/R**). This product is not compatible with two components adhesive and one component polyurethane adhesives.
- If a large amount is applied, verify the humidity of the support with a carbide hygrometer before proceeding with the successive phases of bonding or smoothing.
- Do not apply on anhydrite-based substrates.

APPLICATION PROCEDURE

Preparation of the substrate

The substrate to be treated must be dry, clean and free of grease, oil, paint and other substances which impede the penetration of **Primer 3296**.

Application

- **For use as a primer for the preparation of screeds with a powdery surface before laying wooden flooring** Dilute **Primer 3296** with water at a ratio of 1:1 or 1:2, according to the absorbency of the support material. Apply the mix on the surface to be treated with a large brush, a broom, a roller or by spray. Lay the flooring with vinyl adhesive (such as **Adesilex LC, LC/R or LC/RP**) after approximately 2 hours.
- **For use as a primer before laying self-levelling smoothing and thixotropic levelling mortars from the MAPEI range** Dilute **Primer 3296** with water at a ratio from 1:1 to 1:2 according to the absorbency of the substrate, and apply the mix on the surface to be treated with a roller or a flat brush. Apply the smoothing compound once the primer has set (after approximately 2 hours).
- **For consolidating surfaces of cementitious renders, tuff, sandstone and for fixing dust from existing brick walls and ceilings** Apply **Primer 3296** on the surface to be treated with a manual garden sprayer, a roller or a brush. If the surface is particularly absorbent, several coats may be applied, at intervals of a few minutes between each coat. 2-3 coats are usually sufficient for complete saturation.
- **For impregnating cement joints to make them more resistant and to reduce their porosity and absorbency (for indoor use and for tiles with a glazed or non-absorbent surface)** Apply neat **Primer 3296** directly on the joints with a brush. If the product makes the surface of the tiles dirty, wait until the product has penetrated into the joints (approximately 5-10 minutes), and clean the surface of the tiling with a damp sponge.



CLEANING

Clean tools and containers immediately after use with water. Dried traces may be removed with **Pulicol**.

CONSUMPTION

The consumption depends on the absorbency and porosity of the surface to be treated. It generally varies between 0.1 and 0,5 kg/m².

PACKAGING

Available in 5 and 10 kg tanks.

STORAGE

Unopened, **Primer 3296** may be stored for up to 12 months in a dry place. Protect from frost.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Primer 3296 is not considered hazardous according to the current ruling laws of the classification of chemical preparations. It is recommended to take the precautions normally taken when handling chemical products. For further and complete information about a safe use of our product please refer to our latest version of the Material Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
Consistency:	fluid liquid
Colour:	opalescent
Specific gravity (kg/l):	1.01
Dry solids content (%):	15
Brookfield Viscosity # 1, rpm 10 (mPa·s):	20
COMPOSITION AND PROPERTIES OF THE MIXTURE (T = +23°C, R.H. = 50%)	
Application temperature:	from +5°C to +35°C
Dilution:	none, 1:1, 1:2 with water depending on the absorption of the substrate
Waiting time before bonding:	2 hours
Drying time:	24 hours

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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