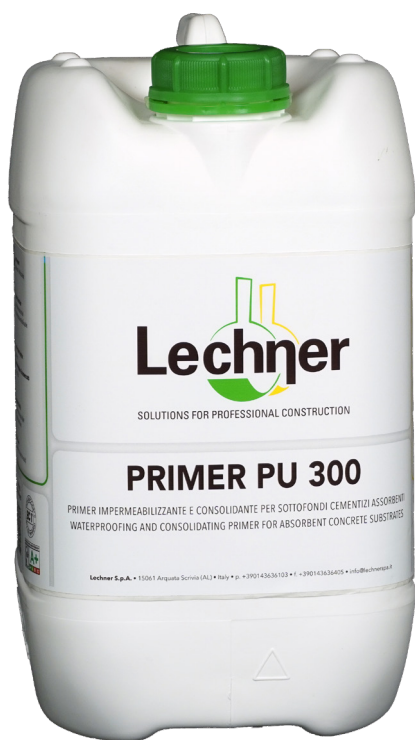


Lechner

SOLUTIONS FOR PROFESSIONAL CONSTRUCTION



FIELDS OF APPLICATION

-  RESILIENT LINE
-  WOOD LINE
-  MARINE LINE
-  ARTIFICIAL GRASS LINE
-  EQUIPMENT AND ACCESSORIES LINE

PRIMER PU 300

WATERPROOFING AND BONDING PRIMER FOR ABSORBENT CEMENT-BASED SUBSTRATES

DESCRIPTION AND USES

PRODUCT FOR PROFESSIONAL USE ONLY

One-component, low-VOC, moisture-curing polyurethane primer, free from water, solvent and plasticizers, odorless, hypoallergenic and characterized by high fluidity and excellent penetration. PRIMER PU 300 is suitable for waterproofing non-heated, absorbent cement-based substrates with residual moisture up to 5% CM. Suitable for the bonding and dust repelling treatment of dry, absorbent cementitious substrates with or without underfloor heating, of surfaces subject to heavy traffic or inconsistent and not very solid substrates. When mixed with sand, it allows for the preparation of very high performance synthetic mortars for leveling or repairs. Direct bonding is possible only with polyurethane and/or epoxy adhesives. PRIMER PU 300 is a low VOC product and is classified EC1 PLUS by the German certification body GEV.

PRODUCT FEATURES



Application
Hair roller



Application
Brush



Suitable for indoor use



Suitable for heating substrates
only as a dust repelling bonding agent



Suitable for wheelchairs



Drying time
3-8 hours



Storage
12 months in the original sealed packaging



Appearance
Liquid



Color
Brown



Chemical base
Polyurethane resin



Use
≤100 g/m² heated substrates/
≤400 g/m² unheated substrates



Operating temperature
+10 - +30°C



Dilution
Eco Thinner



Cleaning
Solvent CH500 (as long as the product is wet)

CERTIFICATIONS



Product with very low VOC content certified by German GEV



Product with very low VOC content (French regulation no. 2011-321 of 23.03.2011)

DIRECTIONS FOR USE

The substrate must be absorbent, clean and free from fissures and cracks which, if present, must be restored beforehand with SIGEPOX. If the surface has a solid and not very absorbent surface crust, unlike the remaining underlying layer which is much more friable and absorbent, it must be sanded or roughened to facilitate the penetration by the PRIMER PU 300.

Dust repelling or consolidating treatment: uniformly apply one or two coats of product neat, or possibly diluted up to 10% in the first coat with DILUENTE PU or ECO THINNER (see relative technical data sheets) depending on the absorbency of the substrate. In the case of dry heated substrates, use must not exceed 100 g/m²; for this reason, use of a short-pile roller is recommended.

Residual moisture waterproofing treatment: The substrate must be based on materials that are not sensitive to moisture; on substrates with built-in heating and on anhydride or gypsum substrates, it is not possible to carry out any waterproofing treatment. Performing waterproofing treatment of unheated cement screeds with residual moisture up to 5% CM is permissible; for higher RH values, contact the Lechner Spa Technical Assistance Office.

Using a roller or brush, apply a first coat neat (or possibly diluted up to 50% with DILUENTE PU or ECO THINNER depending on the absorbency; see relevant technical data sheets) so subsequent coats may be saturated and anchored into this first coat. After completely drying, apply a second cross coat and, if necessary, a third coat of PRIMER PU 300 to saturate the surface porosity.

Preparation of synthetic mortars: mix PRIMER PU with dry silica sand of suitable grain size (0.5-1 mm) in the ratio 1:6 / 1 : 9 (one part PRIMER PU to 6-9 parts of sand). Having obtained a "wet sand" consistency, the synthetic mortar allows for quick repairs of holes, cracks, fissures and thick coatings. Before carrying out these processes, applying a coat of PRIMER PU 300 diluted approx. 50% with DILUENTE PU or ECO THINNER to the affected areas is advisable.

Before carrying out leveling or direct gluing, the product must be completely cured. Subsequent direct bonding of cladding and flooring is possible only with polyurethane, epoxy or silane adhesives. Low temperatures at the time of application of PRIMER PU 300 can drastically influence and lengthen the times of re-coating, final curing and direct gluing on the product.

The product cannot be applied on ceramic floors or glazed surfaces - for these, TRIX must be used. Once the product has hardened, it cannot be removed in any way (except mechanically). No waterproofing treatment is guaranteed on substrates with constant counterthrust moisture. Direct gluing with two-component epoxy or polyurethane adhesives and with silane adhesives must be carried out within 36/48 hours to obtain optimum adhesion. In the event of longer times, it is advisable to spread sprinkles of dry sand of suitable grain size (0.5-1 mm) over the last coat of PRIMER PU 300 while still wet. For the subsequent adhesion of cementitious levelling compounds, generously sprinkling dry silica sand of suitable grain size (0.5-1 mm) on the still wet, last coat is necessary. After drying and the removal of any non-anchored sand, the leveling may be carried out, onto which it is then possible to glue the floor. The minimum thickness of the leveling compound must be at least 3 mm for the installation of wooden floors and at least 2 mm for the installation of resilient materials. If the product is used diluted, before laying materials sensitive to the presence of solvent residues (PVC, linoleum, rubber etc.) it is necessary to make sure that these have completely evaporated, otherwise it is preferable and recommended to use EPOPRIMER. The application and gluing times indicated refer to an ambient temperature of 20°C and a relative humidity of 50%.

INSTRUCTIONS

SAFETY AND DISPOSAL: Before using product, consult the relevant safety data sheet. Gloves are recommended during use. Ventilate the room during and after use. Comply with the safety regulations in force. Do not dispose of any residue in the ground, waterways or drains. For disposal of the product, as well as any other resultant waste, please strictly comply with the provisions of Legislative Decree 152/2006 and subsequent amendments (Consolidated Environmental Law). For further information, please contact our Technical Assistance Office. The content of this current sheet supplements and replaces the previous version, rendering it null and void.

DISCLAIMER: The data provided in this technical data sheet reflect our best theoretical and practical knowledge. Since, however, it is not possible for us to enter into every detail, this information should not be considered as binding. In case of doubt, contact our technical offices.

ADDITIONAL INFORMATION

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