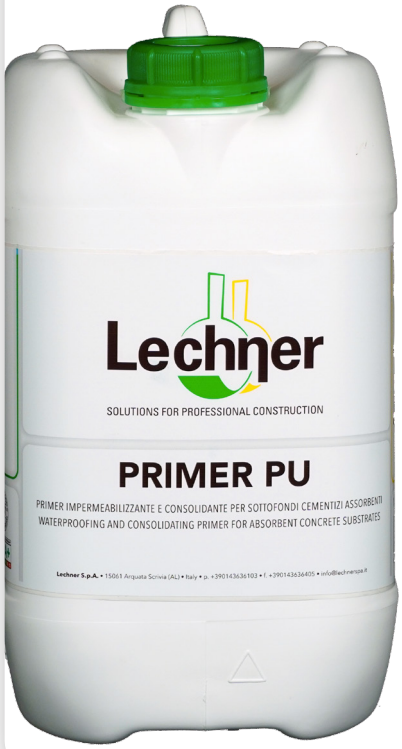
Lechner

SOLUTIONS FOR PROFESSIONAL CONSTRUCTION



FIELDS OF APPLICATION

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

PRIMER PU

WATERPROOFING AND BONDING PRIMER FOR ABSORBENT CEMENT-BASED SUBSTRATES

DESCRIPTION AND USES

PRODUCT FOR PROFESSIONAL USE ONLY

Single-component, moisture-hardening solvent-based polyurethane primer, for the bonding and waterproofing of non-heated absorbent cement-based substrates with residual moisture up to 5% CM. Suitable for the bonding and anti-dust treatment of dry, absorbent cementitious substrates with underfloor heating (see Other Information) and 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. Diluted 50% with DILUENTE PU, it is an excellent dust repellent for absorbent mineral substrates. After product application and drying, it is possible to glue directly only with polyurethane and/or epoxy products.

PRODUCT FEATURES

Application
Hair roller

Application
Brush

Suitable for indoor use

Suitable for heating substrates
only as a dust repelling or bonding agent

Suitable for wheelchairs

Drying time
3-8 hours

Storage
12 months in the original
sealed packaging

Appearance
Liquid

Color
Brown

Chemical base
Solvent-based polyurethane resin

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

Operating temperature
+10 - +30°C

Dilution
Diluente PU

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

DIRECTIONS FOR USE

The substrate must be absorbent, clean and free from fissures and cracks which, if present, must be repaired 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.
Dust repelling or bonding treatment: evenly apply a coat of product diluted up to 10% with DILUENTE PU with a roller or brush. If necessary, depending on the absorbency of the substrate and once it has dried, apply a second, cross coat of the product diluted at 5% or neat.
Residual moisture waterproofing treatment: The substrate must be made of materials that are not sensitive to moisture. Using a roller or brush, apply a first coat diluted up to 50% with DILUENTE PU according to the absorbency of the substrate so subsequent coats may become saturated and anchored into this first coat. After the first coat has completely dried, apply a neat second, cross coat within 8-12 hours and, if necessary, with the same time interval, a third coat of PRIMER PU 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: 8 (one part PRIMER PU to 6-8 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 procedures, applying a coat of PRIMER PU diluted approx. 50% with DILUENTE PU to the affected areas is advisable.

ADDITIONAL INFORMATION

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. On substrates with built-in heating and on anhydrite or gypsum substrates it is not possible to carry out any waterproofing treatment. On dry heated substrates, bonding treatments (with use not exceeding 100 g/m2) and dust repelling treatments (with use not exceeding 100 g/m2) with PRIMER PU are possible; for this reason, use of a short-pile roller is recommended. Direct gluing with two-component epoxy or polyurethane 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 while still wet. After drying and the removal of any non-anchored sand, 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 3mm for the installation of wooden floors and at least 2mm for the installation of resilient materials. 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, PRIMER PU 300, PRIMER PU 150 SPEED, PRIMER PU 50+ SPEED. The application and gluing times indicated refer to an ambient temperature of 20°C and a relative humidity of 50%. In addition to the directions given in this technical data sheet, always follow the installation instructions of the manufacturers of the materials used.

INSTRUCTIONS

SAFETY AND DISPOSAL: Before using product, consult the relevant safety data sheet. While using the product, the use of gloves is recommended. Ventilate the room during and after use. Comply with the safety regulations in force. Do not dispose of any surplus into soil, water courses or sewage systems. 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 sheet integrates 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. However, since it is not possible for us to go into every detail, such information should not be considered as binding. In case of doubt, contact our technical offices.

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