



POLYURETHANE MOISTURE CURING SOLVENT BASED PRIMER FOR CONSOLIDATING AND WATER-PROOFING CEMENTITIOUS SCREEDS.



PRODUCT DESCRIPTION

Primer PU25 is a one-component polyurethane solvent based primer which sets due to the reaction with the moisture which is present in the surrounding air and in the screeds, and which has the property of penetrating well into the substrate. After evaporation of the solvent and the product is set, the surface layer of the substrate becomes more solid, harder and abrasion resistant. The efficiency of the primer increases more as the amount of penetration increases. Therefore, it is advisable to dilute the first coat from 25% to 100% according to the absorbency of the screed.

FIELD OF APPLICATION

- Consolidation of screeds that are mechanically weak.
- Isolating primer for anhydrite or gypsum substrates.
- Anti-dust consolidating impregnator for industrial concrete floors.
- Waterproofing treatment before the laying of wooden flooring.
- Anti-dust treatment for both cementitious and anhydrite screeds with irregular surfaces.
- Preparation of synthetic mortars.

SUITABLE SUBSTRATES

- Cement Mortar Bed

- Cement Plaster
- Cement Terrazzo
- Concrete
- Concrete and Brick Masonry
- Gypsum screed.

LIMITATIONS

- Primer PU25 is inflammable. All precautions must be taken to avoid the risk of fire.
- Primer PU25 must only be diluted with PU thinners.
- Do not use on wet surfaces and where the rise of water due to capillary action is present.
- Do not apply smoothing compounds or adhesives if the surface of Primer PU25 is shiny.
- If Primer PU25 has already set, it must be briskly sanded down.
- If successive treatments with synthetic resin-based products are to be carried out, wait until the solvent has completely evaporated off.
- Do not use Primer PU25 to waterproof anhydrite screeds with a residual moisture content higher than the specified limit. Use Primer PU25 for consolidating purposes only on this type of substrate.
- Heated anhydrite screeds and substrates must not be waterproofed. Therefore, do not use Primer PU25 if the residual moisture is above the recommended level.

APPLICATION PROCEDURE

A) Preparation of substrate

The screed must be free of oil, wax and dirt in general and must be cured for at least 7 to 10 days for every cm of thickness in the case of traditional screeds. Where quick-hydration screeds are used, the curing time must be according to that recommended for the product. Cracks and crazing must be opened and repaired with Epoinject,

B) Preparing the product

Ready to be used.

C) Applying the product

Slightly wet a cotton cloth with Primer PU25 and rub it on the surface. Abundant applications are not recommended. The thinner the film deposited the better the product performs. This is the reason why only one coat is applied. As soon as the product dries approximately 24 hours depending on the conditions the adhesive must be applied.

COVERAGE / CONSUMPTION

The consumption of PRIMER PU25 depends on the absorption and porosity of the substrate. Typical consumption is between 400 and 1000 gr/m².

PACKAGING

Primer PU25 is supplied in:

- 5 kg plastic can
- 20 kg plastic can.

SHELF LIFE

Original sealed packaging of this product is guaranteed to be of first quality for 24 months if stored in a dry area. The high humidity will reduce the shelf life of the bagged product.

SAFETY INSTRUCTION

PRIMER PU25 is highly inflammable. We recommend storing it away from heat and sparks, to avoid smoking, to prevent the build-up of electrostatic energy and to work in well ventilated areas. Furthermo-

re, it is irritant for the eyes and the skin, and it may also cause sensitization in contact with the skin of predisposed subjects. The product contains low molecular weight epoxy resins that may cause sensitization if cross-contamination occurs with other epoxy compounds. PRIMER PU25 may cause drowsiness and dizziness. We recommend the use of protective gloves and goggles and to take the usual precautions for handling chemicals. If the product comes into contact with the eyes or skin, wash immediately with plenty of clean water and seek medical attention. We recommend working in well ventilated areas. In case of poor ventilation, we recommend wearing the mask with filters. The product is dangerous for aquatic life. Do not dispose of it in the environment. For further and complete information about the safe use of our product please refer to the latest version of our Material Safety Data Sheet. PRODUCT FOR PROFESSIONAL USE

TECHNICAL DATA

Product identity	
Consistency:	Liquid
Color:	Brown
Density (kg/m ³):	1050
Viscosity (mPa.s):	30
Dry solids content (%):	20
Application data (at +23°C and 50% R.H.)	
Application temperature	+5°C to +35°C
Drying time	24 hours
Set to light foot traffic	After 24 hours



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