

Torggler

FLEX PU PRIMER

Polyurethane based primer, with low viscosity, suitable for porous and non-porous substrates.

- Single-component
- Low viscosity
- Strong adhesion on vitrified surfaces and non-porous substrates
- Excellent wetting, impregnation and painting over time

FEATURES

Flex PU Primer is a low viscosity, polyurethane based primer suitable for almost any surface.

Flex PU Primer is characterized by a very low viscosity and excellent impregnation properties combined with a relatively slow curing speed resulting in high penetration and excellent adhesion on both porous and non-porous substrates.

The hardened film shows good mechanical properties with elongation >100% and tensile strength >40 N/mm².

AREA OF APPLICATION

Flex PU Primer is indicated as a primer for:

- Concrete structures
- Bituminous sheath
- Ceramic Tiles
- Non-porous substrates such as glass, marble and metals.

Flex PU Primer can be used as a concrete sealant.



WARNINGS

Flex PU Primer contains volatile flammable solvents. Apply in well ventilated areas reserved for non-smokers, away from open flames. In closed environments use fans and active carbon masks. It should be remembered that solvents are heavier than air and will therefore concentrate closer to the ground.

The product is for professional and industrial use only.

INSTRUCTIONS FOR USE

Ensure that the substrate is clean for the application of the membrane-sealant. Clean the surface using a jet of water if possible. Remove oil, grease and contaminating soaps. Remove surface salts from cement, removable parts, release agents. Cured membranes must be removed.

INSTRUCTIONS FOR USE

Apply Flex PU Primer with brush or roller depending on the surface for a Primer consumption of 50-200 g/m².

Take care to clean the tools and equipment first with sheets of paper and then with solvent. The rollers, however, will not be reusable.

Warning: the product tends to yellow.

CONSUMPTION

The minimum consumption of Flex PU Primer is 50-200 g/m².

STORAGE

Store Flex PU Primer in a dry and sheltered place. When stored at a temperature between +5 and +25 °C in its original unopened package it will keep for at least 12 months. Once opened use as soon as possible.

PACKAGING

Box of 4 cans with 5 l content.

TECHNICAL SPECIFICATIONS OF THE LIQUID PRODUCT

Appearance	Liquid
Colour	Transparent
Mixture viscosity (Brookfield) (ASTM D2196-86 at 25 °C)	40-50 cP
Specific weight (ASTM D1475 / DIN 53217 / ISO 2811 at 20 °C)	0,9-1,0 g/cm ³
Consumption	from 50 to 200 g/m ²

TECHNICAL SPECIFICATIONS OF THE HARDENED PRODUCT

Ultimate tensile strength (ASTM D412 / DIN 52455)	400 kg/cm ² (40 N/mm ² at 23 °C)
Elongation (ASTM D412 / DIN 52455)	>150 % (at 23 °C)
Dry to the touch on dry cement	4-6 hours
Application of the main membrane	12-24 hours
Adhesion to cement (ASTM D1640)	>4 mPa

The information contained in this document is reported on the basis of our experience and knowledge; therefore, any recommendations and suggestions made are without any guarantee and must be verified before using the product by those who intend to use it, who assume all responsibility that may result from its use since the conditions of use are not under our direct control. In case of doubt, it is always advisable to make preliminary tests and/or ask for the intervention of our technicians. Torggler reserves the right to modify, replace and/or delete the items, as well as to change the product data in this document without prior notice; in this case the indications given here may no longer be valid. Always refer to the latest version of the data sheet, available at www.torggler.com. Version 02.2020