

Polyurethane Primer



Product Description

It is a Polyurethane resin – based, two – component, solvent – free, Polyurethane insulation and flooring primer. POLYME^RX Polyurethane Primer is a 2 – component and transparent primer comprising 100% solid substance for concrete and similar surfaces. It fills the pores of concrete substance and allows an excellent coating of surface with Polyurethane or Epoxy self – leveling material. It is used in cases if concrete moisture is max. 5% when it is measured with CM moisture meter (calcium carbide method).

Product Features and Advantages

Its penetration ability into concrete is high. It is resistant to aging, owns a high strength of pressure and it is flexible. It protects from corrosion; it is resistant to alkalis and base acids. It is not affected by fungi and bacteria. It is resistant to UV lights. Its adherence is high according to the surface on which it is applied and is resistant to aging. It is resistant to water, acidic water and salt solutions, grease and petrol, at the same time, it is impermeable.

Application and Warnings

The floor where isolation and floor coating is to be applied must be covered. The area where it is to be applied must be thoroughly cleaned from dirt, grease, rust etc. substances. The surface must be dry and clean on concrete surfaces. Primer must not be applied on old and worn surfaces without having necessary repairs. Concrete must have taken outlet and must be completely dry. Source material being 2 ratios and hardening materials being 1 ratio, it can be made ready for the application being mixed with an electric mixer for max. 2 -3 minutes together with Cellulosic or Polyurethane thinner in proportion as 03 – 05 % if desired according to the condition of surfaces. Application: it can be implemented with a brush, roller or airless spray optionally. The application must be completed within an hour. A dry film coat in the thickness of 36/ 40 microns is obtained after the application. The surface on which it is applied must not be wetted, not walk on it and protected for at least 4 hours. POLYME^RX 996 Polyurethane Primer applications are implemented on the dried primer after 6 – 8 hours.

Technical Specifications

Color	Any color
Brightness	Bright or mat
Binding agent	Solvent – free resin
Density	Source material 1.20/ hardening material
Mixing ratio	2/ 1 kg weight
Application time	1 hour in -2 °C/ + 25 °C
Bending strength	TSE
Traction strength	ISO 178 – ISO 527 – 2 / 179 -1
Heat resistance	- 40 °C/ +280 °C
Drying time	powder dry 4 hours
Physical and chemical resistance	After 7 days It doesn't have any adverse environmental impact. It is not harmful after completely dried.

Consumption

Surface	Consumption m ² / gr.
Concrete	0,300 gr.
Metal	0,185 gr.
Wood, fiber cement etc.	0,200 gr.

Packing

It can be supplied with a set of 15 kg and 21 kg, 30 kg drums or in desired weight.

