



DESMOLAST PRIMER PU

ONE COMPONENT POLYURETHANE PRIMER

GENERAL DESCRIPTION

ESHADESMOLAST PRIMER PU is a high grade one component polyurethane based fluid that cures with the atmospheric humidity. It's composition is based on polyurethane elastomers. Polymerization completes within 12 hours after application resulting in a uniform protective film. It's special formulation is designed for enhancing polyurethane based waterproofing coatings adhesion on all porous construction materials.

USES

ESHADESMOLAST PRIMER PU is recommended:

- As a primer for polyurethane, acrylic, hybrid, epoxy coatings
- Protection of metal surfaces against corrosion
- Protection and priming of porous concrete, wood, plaster surfaces
- Adhesion enhancement between old and new concrete
- Concrete sealing

It is not recommended for unsound substrates.



INSTRUCTIONS FOR USE

Weather conditions

Avoid rainy weather and temperatures below 5 °C

Surface Preparation

- Surfaces should be dry, dust free clean from oils and foreign matter.
- New concrete structures need to dry for at least 28 days and surface irregularities need to be smoothed with a grinding machine.

Application

- **ESHADESMOLAST PRIMER PU** is applied by roller brush or spray gun. Application of two successive layers is recommended when the use is for surface protection. In this case interval time between layers should not exceed 20 hours.
- It is recommended that the material is applied in thin coats.
- For **ESHADESMOLAST** waterproofing polyurethane priming applications consumption is 0,150 gr/m² consumption in one layer

**DESMOLAST PRIMER PU****ONE COMPONENT POLYURETHANE PRIMER****Curing time**

12 h depending with environmental temperature and humidity conditions. Tack free time is 2-4 h.

Attention

DesmoLast must not be applied during frost or when the temperature is below 5 °C.

Cleaning of tools

Tools cleaning is made with aromatic solvents when still wet. Mechanical cleaning is required when the material is cured.

TECHNICAL CHARACTERISTICS

PROPERTIES	NOMINAL VALUE	TEST METHOD	UNIT
Appearance	Clear liquid	Observation	hrs
Color	Yellowish	Observation	
Density	0.95 ± 0.05	ASTM D 1475	g/cm ³
Viscosity (Brookfield) at 25 °C	110	ASTM D 2196-86	cPs
Tack free time at 25°C	2-4		h
Flash point	28	ASTM D 93 (Closed cup)	°C

T = Tolerances in the nominal values are in accordance with respective standards. Producer reserves the right to modify the properties of his products.

PRECAUTIONS

- Vapor inhalation must be avoided.
- Contains isocyanates.
- Ventilate well during application-use respiratory mask if application is to be performed with spray gun.
- Use respiratory equipment in poorly ventilated areas
- Contains inflammable solvents (toluene). Avoid naked flame
- Wear gloves & eye protection during application. In case of skin contact wash with plenty soap & water immediately.
- Take precautionary measures against electrostatic discharges
- For professional use only.

For analytical information please refer to the material's MSDS

SELF-LIFE / STORAGE

ESHADESMOLAST Primer PU can be kept for minimum 12 months in the original sealed metallic pails at a temperature of 5 °C to 25°C. Store in a dry protected environment. Do not expose to heat sources.

PACKING

Metallic pails of 17 kg and 4kg.

The information contained in this leaflet is, to the best of our knowledge, true and reliable and is supported by the present state of our knowledge. According to the care taken and the method of application, upon which we have no influence, the values are subject to divergence. Therefore for best results, prior to use, an application test should be made by the user under his own processing conditions.

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