DuroPur Primer P

Polyurethane based one-component, low-viscous, primer. It cures with the humidity in the air, it is especially designed to support the adhesion of polyurethane based products on porous substrates. PRIMER-P is suitable for the protection of metal structures against corrosion.

FEATURES AND BENEFITS

- Low viscosity.
- Can be easily applied to all types of absorbent surfaces.
- Perfectly covers and impregnates the surface homogeneously.
- It offers a cost-effective solution for concrete sealing and protection.

USES

- Porous Concrete
- Plaster
- Wood
- Concrete sealing

PROPERTIES	VALUES	STANDARDS
Colour	Transparent yellow	-
Density	0,95±0,05 g/cm 3	ASTM D1475 / DIN 53217 / ISO 2811
Hardness	75-80 Shore A	ASTM D2240 / DIN 53505 / ISO R868
Viscosity	40-50 cP	ASTM D2196-86 @ 23 o C
Adhesion to Concrete	2,2-2,4 (N/mm 2)	ASTM D4541
Waiting Time Between Floors	4-5 sast	-
New Coats	6-24 hours	-
Recoat Time	12-24 hours	-
Full Drying	1 hours	-

NOTE: The above specifications are based on the test results at 23°C and 50% relative humidity, Values may vary under different temperature and humidity conditions

CONSUMPTION

100-200 gr/m2

PACKAGING TYPE

5kg - 20kg

APPLICATION INFORMATION

Surface Preparations

Application surface must be dry and clean, Concrete, plaster residues oil, grease, fuel and paraffin wastes should cleaned,

Damaged, unstable surfaces and cracks should be repaired with suitable products. New concrete must be at least 28 days old, concrete surfaces must have a maximum moisture content of 8%. Cement residues on the concrete surface should be cleaned with tools such as sandblasting, milling, wiping machine, driven grinding and the surface should be roughened, The entire surface should be cleaned of dust with an industrial vacuum cleaner, Concrete surfaces in contact with the soil to be coated must be insulated with water and water vapor barrier materials beforehand, The relative humidity of the air should be 85% maximum and the application temperature (environment and surface) should be between +5°C and +35°C, It should not be exposed to rain, humidity and water 24 hours before the application, during the application and until 24 hours after the application. The applied material should be protected against external factors and mechanical stresses until it is fully cured.

Application:

It is applied with a brush, spray or roller. When cured, you can go further to the application of the PU Coat.

SAFETY INFORMATION

During the application, flammable products should be kept away, Smoking should not be allowed. Care should be taken to ensure that the area to be applied is ventilated. Protective equipment such as glasses and gloves should be used during the application. In case of eye contact, it should be thoroughly washed with plenty of water, Please request the Material Safety Data Sheet for detailed information, It should be kept out of the reach of children, The product should be consumed by professional users, taking into account the data in the technical information section.