

MONNELI PRIMER PU

Solvent Based Epoxy Primer

Product Description

A two component fluid epoxy resin with high penetrating ability, its applied on prepared concrete and cementitious substrates to seal the substrate and enhance bonding with top coats. The product can be used as a stand alone product in internal applications as a seal coat to harden cementitious surfaces and prevent dusting.

Uses

PRIMER PU is used as follows:

- Serves as a consolidating treatment on friable supports prior to application of epoxy polyurethane coatings.
- Works as an anti-dust treatment of industrial floorings.
- Serves as primer on semi-porous substrate prior to the application of epoxy or polyurethane coating.

Advantages

- No crystallizing
- Good adhesion
- Impermeability to liquids
- Good chemical resistance
- Excellent abrasion resistance
- Primer and sealer coat in one product

Instructions for Use

Surface Preparation

All surfaces should be sound, clean, dry and free from loose and flaking material, efflorescence, laitance, curing compounds, dirt, oil and grease.

New concrete or cementitious surfaces should be allowed to cure and have moisture content not exceeding 5%. Old or existing floor should be refurbished mechanically to ensure clear sound substrate.

In case of old concrete floors use mechanical methods like grinding or blasting in order to provide a suitable clean surface. All necessary repairs should be made prior to application by using COLMEF epoxy mortar.

Mixing

For the preparation of product, pour component B (hardener) into component A (resin) and mix carefully with electric mixer at low number of turns, till obtaining a perfect mix. Allow the product to induct for 10 minutes to reduce the risk of epoxy blush.

Application

Apply the product with a brush or roller. For treatment of friable substrate or very porous surface, apply the product up to complete saturation of the support. Onto very compact supports, avoid the build-up of material.

Re-coating can be executed after 8-12 hours depending on surface and temperature conditions.

Cleaning

Clean tools with Solvente 10 promptly before material hardens. Cured material must be mechanically removed.

Recommendations

- Don't apply the product with imminent rain forecast
- PRIMER PU should not be applied on asphalt floor and PVC tiles

- PRIMER PU should not be applied on the concrete surface that has greater than 4% maximum moisture content

Technical Data

Properties	Results
Appearance	Liquid
Color	Amber
Mix density at 25°C	0.96 kg /L
Pot-life time at 25°C	90 minutes
Re-coatable at 25°C	after 8-12 hours
Bonding strength	Greater than cohesive strength of concrete substrate

Tests performed at 25°C, 50% of relative humidity and in absence of ventilation.

All values are subject to 5-10 % tolerance

Consumption

6-8 m²/ Liters per coat according to the porosity of the support

Packaging

PRIMER PU is available in 4 and 15 Liter packing.

Storage

Store the product in dry closed place with temperature between +5°C and +35°C. In these conditions, the product maintains its stability for 12 months.

Health & Safety

Avoid contact with skin & eyes. Protective clothing such as gloves & safety goggles should be worn during application. Treat any splashes to the skin or eyes with fresh water immediately.

Should the product be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately. Ensure adequate ventilation at site and avoid inhalation of vapors.

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DUBAI
ABU DHABI
KSA
ITALY

P.O. Box 123808 Dubai UAE
P.O. Box 127326 Abu Dhabi, UAE
P.O. Box 335896 Code: 11383 - Riyadh KSA
Z.I. Ponte d'Assi 06024 Gubbio (PG)

T. +971 4 8803488 F. +971 4 8803450
T. +971 2 5511949 F. +971 2 5511749
T. +966 1 2654277 F. +966 1 2654335
T. +39 75 9221297 F. +39 75 9221174

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colmef@colmef.ae

www.colmef-me.com