

MonniPrime E

Solvent Base Epoxy Primer

Product Description

MonniPrime E is a two component fluid epoxy resin with high penetrating ability, formulated to act as an adhesive primer between the substrate and the epoxy, or polyurethane coating.

Uses

- ▶ 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 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

Usage Instructions

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 Monneli epoxy mortar.

Metal surfaces must be perfectly cleaned up to the white metal by sand blasting, then treated with one coat of MonniPrime E before the oxidation process begins again.

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 spraying application, dilute the product with 5% Monneli Solvent 10. Use 0.015 to 0.021 in nozzle size.

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 hours depending on surface and temperature conditions.

Cleaning

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

Technical Data

Category	Typical Values
Appearance	Liquid
Color	Amber
Mix Density	0.96 Kg /L @ 25°C
Pot-life time	90 minutes @ 25°C
Re-coatable	after 8 hours @ 30°C
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

MonniPrime E consumption yields 6-8 m²/L per coat according to the porosity of the support

Packaging

MonniPrime E is available in 4 and 15 Liter packing.

Shelf Life & 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.

Recommendations

- ▶ Don't apply the product with imminent rain forecast
- ▶ MonniPrime E should not be applied on asphalt floor and PVC tiles
- ▶ MonniPrime E should not be applied on the concrete surface that has greater than 4% maximum moisture content

Legal disclaimer

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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.