

eile EPX 280 FL

EPOXY-BASED SOLVENT-FREE FILLED PRIMER

Description

It is a two-component, epoxy-based, solvent-free, filled primer material.

Product Features

- Solvent-free.
- Easy to apply.
- Ensures perfect adhesion of the topcoat to the surface.

Usage Areas

- Used as a primer before epoxy or polyurethane topcoat flooring applications.
- Can be used to fill capillary cracks on concrete surfaces.
- Used as an adhesion-increasing primer before using cement-based materials for coating and repair on old concrete surfaces.
- Ideal for factory and warehouse loading areas, medium to heavy-duty industrial floors, and in epoxy mortar applications with high abrasion and slip resistance.

Application Procedure

Surface Preparation

The surface to be applied should be clean and free of oil, dirt, and loose particles. The surface must be sufficiently durable. The concrete must withstand a minimum pressure of 25 N/mm² and a minimum tensile strength of 1.5 N/mm². The surface moisture content should be max 4%. If the concrete surface moisture content exceeds 4%, eile EPX 021 should be used. Loose particles on the surface should be completely cleaned, and the surface should be mechanically roughened (blastrak or milling).

Mixing Preparation

Safety Recommendations: During application, appropriate workwear, protective gloves, goggles, and masks in accordance with occupational health and safety regulations must be worn. Avoid contact with skin and eyes; if contact occurs, wash thoroughly with plenty of water. In case of ingestion, seek medical attention immediately. Store out of the reach of children. No food or drink should be kept in the areas where the application is taking place.

Component B is added into Component A and mixed with a mechanical mixer until a homogeneous consistency is achieved (approximately 3-4 minutes) to make it ready for application.

Mixing Ratio

By weight: Component A : Component B = 4:1.

Application Method

The prepared mixture is applied to the surface using a roller or brush. The maximum waiting time for further applications on the primed surface is 24 hours at 20°C. If the waiting time exceeds 24 hours, the primed surface must be sanded before applying the next layer.

Precautions

- This product is intended for professional use.
- Outdoor applications should not begin until 24 hours before, during, and after the application if rainy weather is expected.
- Do not inhale, avoid contact with skin and eyes, do not ingest, and use appropriate safety equipment.
- The application temperature (environment and surface) should be between +5°C and +35°C.

Technical Specifications

Color: Yellow
Gloss: Glossy
Solid Content by Volume: 100%
Density: 1.40±0.05 g/ml
Adhesion Strength: 2.0 N/mm ²
Full Cure Time: 7 days
Consumption: 1.4 kg for 1 mm thickness
Application Methods: Roller, Brush
Pot Life: 30-40 minutes at 25°C (for 100 g mixture)
Waiting Time Between Coats: 24 hours
Equipment Cleaning: Epoxy Thinner

The above values have been obtained as a result of lab tests. Values may vary due to differences in site environment.

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