

eile EPX 110

Absorbent Surfaces Primer

Description

A two-component epoxy-based primer material with low viscosity and impregnating properties.

Areas of Application

It is used on concrete and cement mortars to increase adhesion on non-absorbent surfaces. It can be used as a coating in non-load-bearing areas and outdoors.

Product Features

- Low viscosity
- Easy to apply
- Penetrates into the concrete surface

Application Procedure

Surface Preparation

Surfaces must have sufficient strength. Concrete should have a minimum compressive strength of 25 N/mm² and a tensile strength of at least 1.5 N/mm². The surface should be clean, smooth, and dry, with no more than 5% moisture. All loose particles must be thoroughly removed, and the surface should be mechanically roughened (e.g., by blastak or milling).

Mixing Ratio

By weight: 4/1

Application Method

Components A and B should be mixed for 3 minutes with a low-speed mixer until a homogeneous mixture is obtained. The homogeneous mixture should be applied with a roller or suitable brush to ensure the surface pores are well sealed. If desired, it can also be applied using an airless spray gun. The age of new concrete must be at least 4 weeks. After applying eile EPX 110, the upper coating should not be applied until the primer has fully cured, and inter-coat waiting times must be observed. At 20°C, the surface is walkable approximately 24 hours after application. Sandblasting should not be done after applying eile EPX 110 primer.

Points to Note

- Do not apply in extremely hot, windy, or rainy weather; the ambient temperature should be between +10°C and +30°C.
- In cold conditions, heaters should be used to ensure the ambient and substrate temperatures are suitable.
- The application should be performed by professional applicators.
- The surface should be protected from water contact for 24 hours after the coating.

Packaging

Set: 20 kg

- Component A: 16 kg metal bucket
- Component B: 4 kg bucket

Storage

Store in unopened original packaging in a cool and dry environment, protected from direct sunlight and frost, between +5°C and +35°C.

Shelf Life

12 months from the production date in unopened packaging under proper storage conditions.

Technical Specifications

Color : Colorless

Mixture life : 60 min

Density : 0.90 ± 0, 01gr/ml

Time required for applying coating: 24 hours

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

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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.

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