eile EPX 225

A two-component low viscosity epoxy primer material.

Areas of Application

- Applied on concrete, cement mortars, and epoxy-based mortars.
- As a primer layer before applying epoxy polyurethane top coatings.
- Used in factory and warehouse floors, work areas, and loading zones.
- For industrial floors exposed to medium and heavy loads.
- Used in epoxy mortar applications with abrasion and slip resistance where thicknesses of 5-8 mm can be achieved.

Product Features

- High mechanical load resistance
- Resistant to chemicals

Application Procedure

Surface Preparation
The surface must be clean, load-bearing, solid, and free from loose particles. The moisture content should not exceed 5%. Concrete should have a compressive strength of at least 25 N/mm² and a tensile strength of at least 1.5 N/mm².

Mixing
Components A and B should be mixed with a low-speed mixer for 3 minutes until homogeneous. The homogeneous mixture should be spread over the surface using a suitable notched trowel. The material should be applied to cover the pores; if necessary, it can also be applied with an airless spray gun.

Mixing Ratio
By weight: 2/1

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

Application Method

- Surfaces must have sufficient strength. The concrete floor must have a compressive strength of at least 25 N/mm² and a tensile strength of 1.5-2 N/mm².
- The concrete moisture content should not exceed 5%.
- Application should be avoided in environments below 10°C and very humid conditions.
- The correct mixing ratios must be observed.
- A minimum of 12 hours should pass between coats.
- At 20°C, the surface will be walkable approximately 12 hours after application.

Cleaning of Tools
Clean tools with Epoxy Thinner.

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: 18 kg

- Component A: 12 kg metal container
- Component B: 6 kg metal container

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

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.