

eile EPX 400

A Two-Component, Epoxy Based, Textured Surface Coating

Description

It is a two-component, epoxy based, solvent-free, textured surface, non-slip floor coating material.

Areas of Usage

- * Parking, garage, aircraft hangars, ramps
- * High-risk slip areas,
- * Food, soft drink, chemical, pharmaceutical industries,
- * Production, packaging and storage areas
- * In the automotive industry

Features of Product

- * It is solvent-free
- * It features self-leveling
- * It has high adhesion strength

Application Procedure

Surface Preparation

Surfaces must have sufficient resistance. The ground concrete must have minimum 25 N/mm² compressive strength and at least 1.5-2 N/mm² tensile strength. The application surface should be robust, load bearing, free of dust and clean. The substance residues which reduce adherence such as oil, grease, paint, rust and paraffin should be cleaned. The application ground should be priorly primed with the appropriate primers (EPX 225, EPX 110). If the humidity rate of the application surface is over 5%, it should be applied with the wet surface primer **eile EPX 021** or **eile EPX 022**.

Mixing

A component is mixed with a low speed mixer (300-400 rpm) for 2-3 minutes and the mixing is proceeded by adding B component. Then, by putting the material into another bowl, it is mixed until a homogeneous color is formed.

Mixing Ratio:

5/1 (by weight)

Application Method

Before applying **eile EPX 400**, the applied primer must be cured. The prepared homogeneous mixture, **eile EPX 400** is poured onto floor and is spread on the surface with adjustable notched trowel. After this process, in order to provide the textured appearance the material application is performed with a coral roller.

Consumption

1.5 kg/m² for 1 mm thickness

Cleaning of Tools

Pomex Thinner

Points to take into consideration

- * The application should not be carried out in extremely hot, windy and rainy weather; if the ambient temperature is over + 10 ° C to + 30 ° C.
- * For the applications held in extremely cold weather, ambient and ground temperature must be provided with the help of heaters.
- * Application should be carried out by the expert implementers.
- * In order to complete the curing of the entire material, the ambient and ground temperature must be in the range of appropriate values.

Packaging

Set: 24 kg

A Component: 20 kg Tin bucket

B Component: 4 kg Tin bucket

Storage

It must be stored unopened in its original packaging, in cool and dry conditions between + 5 °C to + 35 °C, in a place away from direct sunlight.

Shelf Life

12 months from the date of production in the specified storage conditions and in unopened package.

eile EPX 400

Technical Specifications

structure of the material : A component: epoxy resin
B component: Epoxy hardener

Color: Ral colors

Specific gravity: A Component: 1.7 0gr/cm³

B component: 1, 05gr/cm³

Waiting time between Coats: 24h (20 °C)

Mixture life: 30 minutes (at 20 °C)

Curing time: can be opened to light traffic after 3 days
at +20°C

Full curing after 7 days at +20°C

Application temperature: + 10°C to + 35°C

Recommended film thickness: 1-2 mm

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

Safety Recommendations: Please wear the coveralls, protective gloves, glasses and mask suitable for occupational health and safety. Make sure that it does not contact the skin and the eyes; in case it does, wash with plenty of water. In case swallowed, contact the closest health care institution immediately. Keep out of the reach of children. Keep food and drinks away from the application areas.

Responsibility: In case the recommendations and application conditions specified above are not conformed, the applications (misuse) do not fall under the responsibility of **POMZA EXPORT A.Ş.**, the producer of **eile POMEX branded products**. The user is responsible for whether the product is used in accordance with its purpose, as well as the validity of application conditions and forms. **eile Pomex Construction Chemicals** does not accept any indemnity claim concerning the results, work accidents, direct or indirect damages or losses due to the misapplication of the products.

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