

eile EPX 110

Impregnation Primer for Absorbent Surfaces Description

It is a two-component, epoxy based, impregnated primer material with low viscosity.

Areas of Usage

It is used on concrete and cement mortars to improve adherence to highly non-absorbing surfaces. In outdoors, it can be used as coatings in the places that are not exposed to the load.

Features of Product

- * It is with low viscosity.
- * It is easy to apply.
- * It is impregnated on the concrete surface.

Application procedure

Surface Preparation

Surfaces must have sufficient resistance. Concrete must have minimum 25 N/mm² compressive strength and at least 1.5 N/mm² tensile strength. Surface must be clean, smooth, dry and must not exceed 5% moisture, free parts on the surface must be completely cleaned and surfaces must be roughened mechanically (blast rack or milling).

Mixing Ratio

By weight 4/1

Method of Application

A and B components should be mixed with low-speed mixer for 3 minutes until they become homogeneous. Homogeneous mixture should be thoroughly absorbed by the surface with a roller or suitable brush and is applied in a way that will close the pores, if desired; it can be applied with airless spray. New concrete must be a minimum of 4 weeks of age, before starting the upper coating, **eile EPX 110** curing must be completed, the duration between coats must be followed, and it can be walked on after approximately 24 hours, at 20 °C. After **eile EPX 110 primer** application, sand blasting should not be applied to the surface.

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.

Note: **eile POMEX** reserves the right to improve/revise the product and this technical document over time. This Technical Data Sheet supersedes the former Technical Data Sheet released for this product. The user must make sure that the available technical document is the latest updated version. If necessary, our company must be contacted to inquire the updating status of the document. AUGUST 2014

Cleaning of Tools

Epoxy 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 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.
- * After the coating, the surface should be protected from the contact of water for 24 hours.
- * Application should not be carried out manually.

Packaging

Set: 20 kg

A Component a 16 kg Tin bucket

B Component 4 kg 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.

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.