

eile LEVEL

Cement Based Self-leveling Screed

Description

It is used as correcting mortar on non-uniform concrete ground. It is a cement based ground leveling screed that is applicable between 1-10 mm thickness, polymer modified, non-cracking and shrinking.

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Areas of Usage

- * Prior to finishing coat on the surfaces exposed to medium and heavy pedestrian traffic,
- * Indoors before bonding ceramic, marble, parquet, carpet and PVC coatings
- * With the aim of leveling of uneven grounds
- * Used in health care facilities, shopping centers, hotels.

Features of Product

- * It is easy and quick to apply.
- * It is mixed with water.
- * It is self-leveling, comes to the same level

APPLICATION PROCEDURE

Surface preparation

The surface should be considered to be solid, load bearing, dust-free and clean. The substance residues which reduce adherence such as oil, grease, rust and paraffin should be cleaned; there should be no loose parts. Defects on the surface should be repaired. Air flow should be prevented in the area where the application will be made. In the large areas, the carrelage should be done to prevent the level difference and the application elevations should be determined.

Priming

The surface should be primed with **eile PRIMER E** in order to extend the processing time of **E eile LEVEL** leveling screed, to provide high adherence to the application ground, to minimize the possible formation of air bubbles. Second primer coat should be made on high absorbent surfaces. The waiting period should be at least two hours between coats on which primer application will be made. Later than 24 hours after primer application, eile level application is started. **eile PRIMER E** should be applied without thinning.

Mixing

The appropriate amount of water is emptied in a clean mixing bucket. By adding the material into the mixing bucket, it should be mixed with the help of a low-speed mixer for at least 3-4 minutes until a homogeneous mixture is obtained. After letting it rest for about 4 minutes, it is mixed again for 30 seconds to make it ready to use.

Mixing ratios

For 25 kg Bag: 4, 5 - 5.25 liters of water
Mixture Density: 2 gr/cm³

Application Method

Prepared mortar spreads spontaneously. The thickness of the material is set with a notched trowel. During setting, water should not be added; the air at the surface should be taken with a spiked roller. Sudden temperature changes that may occur in the application environment must be prevented. In the areas exposed to the sun and wind effects, application should not be carried out.

Consumption

For 1 mm thickness, 1.7-1.8 kg/m² (powder product)

Cleaning of Tools

After the implementation, tools and equipment used should be cleaned with water. After the material is hardened, it can only be cleaned mechanically from the surface.

Points to take into consideration

* **eile LEVEL** is suitable for the application in + 5 °C to + 25 °C temperature conditions. If the temperature of environment or application ground is not in the range of the suitable temperature conditions; appropriate temperatures for the application should be waited. In the extremely hot and windy environments, the application should not be carried out.

* As the temperature of application ground and ambient will affect the hydration reaction of cement, the temperature of ground and ambient must be in the range of allowed temperature.

* After applying the material, fast drying should be avoided. The applied material must be protected from water contact.

* Applications must be carried out by expert implementers.

* After applying material, at least three days should be waited for the next surface coating applications.

* Resting the mixture and mixing it again before application must not be absolutely neglected.



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Technical Specifications

Structure Of the Material: contains Mineral Fillers, Polymer Reinforced Cement.

Color: Gray

Compressive Strength: > 15 N/mm² (28 days)

Adhesion Strength: > 1, 0N/mm² (28 days)

Application Thickness: min. 1 mm max. 10 mm

(3-10 mm for the grounds exposed to heavy pedestrian traffic)

Ground Temperature: + 5 °C to + 25 °C

Duration Of Use: 30 min. (+ 20 °C) (pot life)

Full Curing Time: 28 days (+ 20 °C)

Walk-on

Duration: 12 hours (+ 20 °C)

Application on: min. 3 days (+ 20 °C)

The typical values are valid for the performance after 28 days following the application finished in the conditions of + 23 ° C and 50% relative humidity. Values may vary due to differences in site environment.

Packaging

Kraft sacks of 25 kg

Storage

It must be stored unopened in its original packaging, in cool and dry conditions with a maximum 10-fold stacking.

Shelf Life

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

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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