

eile LEVEL

Cement Based Self Leveling Screed

Definition

A polymer-modified cement-based floor screed resistant to cracking and shrinkage, applicable in thicknesses ranging from 1 to 5 mm.

TS EN 13813

EN 13813 CE Certified

Areas of Usage

*Prior to final coating in areas exposed to medium and heavy pedestrian traffic.

*Before the application of ceramic, marble, parquet, carpet, and PVC coatings.

Used for leveling uneven indoor floors with thicknesses between 1 and 5 mm.

Product Features

*Resistant to cracking and shrinkage.

*Self-levels to the desired finish.

*High adhesion to the applied surface.

APPLICATION PROCEDURE

Preparation of Surface

The surface must be solid, load bearing, dust-free, and clean. Any residues such as oil, grease, rust, and paraffin that may weaken adhesion should be cleaned. There should be no loose parts on the surface, and any surface irregularities should be repaired. Airflow in the application area should be prevented. For large areas, a grid should be used, and application levels should be determined in order to prevent elevation difference.

Priming

eile LEVEL leveling screed should be primed with **eile PRIMER E** to extend the processing time, ensure high adhesion to the application surface, and minimize possible air bubble. For surfaces with high absorbency, a second coat of primer should be applied. Allow at least two hours between primer applications. After 24 hours from priming with **eile PRIMER E**, proceed with the application of **eile LEVEL**. Do not dilute **eile PRIMER E** during application.

Mixing

The appropriate amount of water is poured into a clean mixing bucket. The material is slowly added to the mixing bucket and stirred with a low-speed mixer for about 3-4 minutes until a homogeneous mixture is obtained. After resting for approximately 2 minutes, it is mixed again for about 30 seconds until it is ready for use.

Mixture Ratios

For a 25 kg bag: 6 liters of water

Mixing Density: 2 gr/cm³

Application Method

The prepared mortar propagates itself. The thickness of the material is adjusted with a notched trowel. During setting, no water should be added, the air on the surface should be taken with a spiked roller. Sudden temperature changes that may occur in the application environment should be prevented. Application should not be made in areas exposed to sun and wind effects.

Consumption

For 1mm thickness: 1.6-1.7 kg/m² (powder product)

Cleaning of Tools

After the application, the tools and equipment used should be cleaned with water. The material can only be mechanically removed from the surface after it has hardened.

Important Points

***eile LEVEL** is suitable for application in temperatures between +5°C and +25°C. If the ambient or application surface temperature is not within the appropriate temperature range, suitable temperatures should be waited for application. Avoid application in extremely hot and windy environments.

*The temperature of the application surface and environment should be within the allowed temperature range as it affects the hydration reaction of the cement.

*Rapid drying of the applied material should be prevented. The applied material should be protected from water contact.

*Applications should be done by expert applicators.

*After the material is applied, at least three days should be allowed before any surface coating applications.

*It is essential not to neglect the resting and re-mixing of the mixture before application.

Structure of the Material: Contains Mineral Fillers, Polymer reinforced peva Cement.

Color : Grey
Technical Specifications:

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

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

Application Thickness : min. 1 mm max. 5 mm

Ground Temperature : +5 °C - +25 °C

Usage Time : 20 min. (+20 °C) (pot life)

Full Curing Time : 28 days (+20 °C)

Ability to Walk on

Time :12 hours (+20 °C)

Over Application : min. 3 days (+20 °C)

The typical values above are valid for 28 days performance of finished applications at + 23°C and 50% relative humidity conditions. Values may vary due to differences in the worksite.

Package

25 kg craft bag

Storage

It should be stored in its original package in a cool and dry environment with a maximum 10-fold stacking.

Shelf Life

Under the specified storage conditions, the shelf life is 12 months from the date of manufacture.

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.

Liability: POMZA EXPORT A.Ş., the producer of eile POMEX-branded products, cannot be held responsible for any improper applications (misuse) due to non-compliance with the above-mentioned recommendations and application conditions. It is the responsibility of the applicator to ensure that the product is used according to its intended purpose and that the application conditions and methods are valid. eile POMEX Construction Chemicals does not accept any claims for compensation arising from failure to apply the products as recommended, work-related accidents, or any direct or indirect damages.

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EIP-TDS-075-Eile Level-rev0_eng



POMZA EKSPORT MADENCİLİK SANAYİ VE TİCARET A.Ş

MENDERES -İZMİR/TÜRKİYE

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ZMN-4

TS EN 13813

cement screed materials

fire resistance	A1
bending strength	F3
compressive strength	C16
bond strength	0,7N/mm ²