

Cement Based Decorative Plaster

Description

It is a ready-to-use decorative (mineral) plaster mortar, produced in both fine and coarse aggregate. The mortar is cement-based and fortified with additives to strengthen its structure, and to enhance its resistance to cracking and shrinking.

Certified to EN 998-1 CE Document.

Areas of Usage

It is used as the final coating material on the exterior facades of buildings, and on rough plaster or exterior thermal insulation systems.

Note: It cannot be directly applied onto brick, aerated concrete, or weakly plastered surfaces.

Features of Product

- *It adheres perfectly and is easy to apply.
- *It is waterproof.
- *It creates a decorative appearance.
- *Due to the fiber additive it contains, it is resistant to external factors.

Application Procedure

Surface Preparation

The application surface should be clean. The surface should be free from adherence decreasing residues such as dust, paint and oil as well as loose parts. The cracks and holes on the surface should be fixed by using eile TH 60 or eile TH 70 repair mortars. Early drying and shedding risk of eile Mineral Plaster should be eliminated on the surfaces with high absorbency.

Mixing

A clean mixing bowl is filled with the necessary amount of water by means of a scale. Then, **eile DS 40** is slowly added into the mixing bowl. It is mixed with a low speed mixer for 3 - 5 minutes until obtaining a homogenous mixture. The mixture waits for 5 minutes and mixed again for 20-30 seconds before application.

Mixture ratio

4-5 liters of water for 25 kg of powder
0.160-0.200 liters of water for 1 kg of powder product

Application Method

The ready-to-use material should be applied to the surface with a trowel, ensuring an even thickness. The application thickness should not exceed 5 mm. After the applied mortar has absorbed water, the surface should be moistened with a plasterer's brush. The surface is finished as desired using a steel trowel. Particularly in hot or windy conditions, rapid water loss from the plaster should be prevented for 24-48 hours using curing compound or water.

Points to Consider:

* In the application of **eile DS 40**, suitable temperatures should be awaited if the ambient temperature is below +5°C or above +30°C. Application should be avoided in extremely hot, rainy, or windy weather conditions.

*The application thickness of **eile DS 40** should not exceed 5 mm.

*Water and new material should never be added to the **eile DS 40** mixture that has formed a crust inside the container.

*It should not be applied on surfaces that are frozen, thawing, or at risk of freezing within 24 hours.

*The prepared mixture should be consumed within 120 minutes, at 20°C.

Note: For fine-aggregate DS 40: 1.3-1.5 kg/m² for 1 mm thickness. For coarse-aggregate DS 40: 7.5-8.5 kg/m² for 5 mm thickness

Cleaning of Tools

The tools and equipment used during the application should be cleaned with water. The material can be removed only mechanically after it hardens.

Technical Specifications

Structure of the material: It contains special cement modified with polymer and fiber-reinforced.

Color: White

Application temperature: +5 °C /+30 °C

Application thickness: 3-5 mm

Usage period: 120 minutes (20 °C)

Consumption for 1 mm: 1.5-2 kg/m²

Maturation period: 5 minutes

Drying period: 24 hours (20 °C)

The typical values above are valid for the performances of the applications 28 days after their finish at +23°C for 50% relative humidity. The values might vary due to the differences in construction site environment.

Packaging: 20 kg Kraft Bag

Storage: Unopened original packaging should be stored in a cool, dry environment, stacked no more than 10 layers high.

Shelf Life: Under specified storage conditions, the shelf life is 12 months from the production date.

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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POMZA EKSPORT SAN. TİC. AŞ.-EİLE Ankara
MENDERES -İzmir/ TURKEY 12
TS EN 998-1

Dry bulk density: 1400±200 kg/m³
Compressive strength: CS IV
Bond strength: ≥ 1 N/mm²
Capillary water absorption: ≤ 0,4 kg/m²dk^{0,5}
Water vapor permeability: ≤ 15 µ
Fire reaction class: Class A 1