

Cement Based Decorative Plaster

Description

It is a ready for use decorative plaster mortar with white Portland cement which is made resistant to cracking, contraction and tension by strengthening its structure with admixtures.

Certified to EN 998-1 CE Document.

Ministry of Environment and Urban Planning Pos. No: 04.476/A

Areas of Usage

It is used as the finishing coat material on the exterior walls of the buildings and exterior thermal insulation systems.

Note: It cannot be directly applied on brick, gas concrete or poorly plastered surface.

Features of Product

- *It adheres perfectly and it is easy to apply.
- * It features waterproofing.
- *It has a decorative appearance.
- *It is resistant to the external factors thanks to the fibers inside.

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 prepared material must be applied on the surface with a trowel at equal thickness. Thickness of the application should not exceed 5 mm. After the applied mortar drains, some water is sprinkled on the surface with a brush. The surface is finished using a steel trowel. Rapid water loss of the plaster should be prevented for 24-48 hours using curing material or water especially in the applications in hot or windy places.

Points to take into consideration

- * For **eile DS 40** application, if the ambient temperature is below +5°C or above +30°C, the suitable conditions should be met. Extremely hot, rainy or windy weather is not suitable for application.
- ***eile DS 40** should not be applied thicker than 5 mm.
- * Water and new material should not be added to the crustated **eile DS 40** in the bowl.
- *It should not be applied on the surfaces which are frozen, melting or under the risk of frost within 24 hours.
- * The prepared mixture should be used at 20 °C within 120 minutes.

Note: eile DS 40 is produced in two types: thin and thick.

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

Kraft sacks of 25 kg

Storage

Best stored in cool and dry place in unopened package with a maximum 10-fold stacking.

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| POMZA EKSPORT SAN. TİC. AŞ.-EİLE Ankara Asfaltı Belkahve Mevkii 476/A Kavaklıdere Köyü- Bornova-İzmir/ TURKEY 12 TS EN 998-1 |
| Dry bulk density: 1400±200 kg/m ³ Compressive strength: CS IV Bond strength: ≥ 1 N/mm ² Capillary water absorption: ≤ 0,4 kg/m ² dk ^{0,5} Water vapor permeability: ≤ 15 μ Fire reaction class: Class A 1 |

Shelf Life

12 months following the production date under the specified storage conditions.

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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