

POMEX EXPOSED CONCRETE PLASTER



Cement-Based Plaster Mortar for Exposed Concrete Surfaces

Description:

It is a cement-based, high-performance plaster mortar designed for exposed concrete. Certified according to **EN 998-1 CE** standards.

Areas of Use:

- Used as plaster on concrete surfaces (ceilings, walls, and columns).
- Used as a repair mortar on walls before laying ceramic, tile, or similar covering materials.

Product Features:

- Resistant to freeze-thaw cycles.
- Provides excellent adhesion to concrete and plastered surfaces.
- Has a long working time.
- Produced in two different forms: **Pomex Thick Exposed Concrete Plaster** and **Pomex Fine Exposed Concrete Plaster**.

Application Procedure:

Surface Preparation:

The application surface should be free from formwork oils, solid, and clean. The surface should be moistened before application, and on hot and windy days, it should be saturated with water.

Mixing:

The appropriate amount of water is poured into the mixing container, and 25 kg of **Pomex Exposed Concrete Plaster Mortar** is slowly added. It should be mixed with a low-speed mixer for 3-5 minutes until a homogeneous mixture is obtained. The mixture is left to mature in the container for 5 minutes. After mixing again for 20-30 seconds, the material is ready for use.

Mixing Ratios:

- For 25 kg powder: 5-6 liters of water
- For 1 kg powder: 0.200-0.240 liters of water

Consumption:

- **Pomex Thick Exposed Concrete Plaster:** 14±2 kg/m² for 1 cm thickness
- **Pomex Fine Exposed Concrete Plaster:** 1.4±0.2 kg/m² for 1 mm thickness

Application:

The prepared **Pomex Exposed Concrete Plaster Mortar** is applied to the surface with a steel trowel in an even layer. For multiple coats, wait at least 6 hours between coats, and moisten the surface before applying the next coat. The surface should be watered for 2 days after the application. The single-coat thickness for **Pomex Thick Exposed Concrete Plaster** should be a maximum of 2 cm. The application thickness for **Pomex Fine Exposed Concrete Plaster** should be 3-4 mm.

Points to Consider:

- For the application of Pomex Exposed Concrete Plaster Mortar, wait for suitable conditions if the ambient temperature is below +5°C or above +30°C. Do not apply in extremely hot, rainy, or windy conditions.
- Do not apply on frozen, thawing, or surfaces at risk of frost within 24 hours.
- To increase adhesion to exposed concrete surfaces, eile TU-05 should be used.
- Do not add water or new material to the mixture once it has started to dry.
- Do not apply on gypsum, previously painted surfaces, or autoclaved aerated concrete.

Cleaning of Tools:

Tools and equipment used after application should be cleaned with water. Once hardened, **Pomex Exposed Concrete Plaster Mortar** can only be removed mechanically from the surface.

Packaging:

25 kg kraft bag

Storage:

Store in its unopened original packaging in a cool and dry environment, stacked no more than 10 layers high.

Shelf Life:

12 months from the production date when stored under the recommended conditions.

POMEX EXPOSED CONCRETE PLASTER



Technical Specifications

Material Structure: Contains polymer-modified special cement.

Color: Grey

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

Pot life : 45 mins (20 °C)

Ripening Period : 5 minutes

Drying Time : 24 hours(20 °C)

Over Application : 24-48 hours(20 °C)

Compression Resistance CS IV($\geq 6,0$ N/mm²)

Dry bulk density : 1400 \pm 200 kg/m³
Bond strength $\geq 0,5$ N/mm²

Water Vapour Permeability: ≤ 15 μ

Test drying 28 days (20 °C)

The above values are the result of laboratory tests. Values may vary due to differences in the worksite environment.



POMZA EKSPORT MADENCİLİK SANAYİ VE
TİCARET A.Ş.
BORNOVA –İZMİR/TÜRKİYE

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SV 5

TS EN 998-1

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|--------------------------|----------------------------------|
| EXPOSED CONCRETE PLASTER | (GP) |
| Dry bulk density | 1400 \pm 200 kg/m ³ |
| Compression Resistance | CSIV |
| Bond strength | $\geq 0,5$ N/mm ² |
| Water vapor permeability | ≤ 15 |
| Reaction to fire | A1 |

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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