

# POMEX THICK PLASTER



## Polymer Reinforced Cement Based Economical Thick Plaster

### Description

It is a one-component, cement based, fiber and polymer reinforced thick plaster mortar.

**Certified to TSE EN 998-1 TSE and EN 998-1 CE Documents.**

### Areas of Usage

- \*On brick and stone walls.
- \*When fixing the leveling problems of gas concrete and ytong walls with the concrete system.
- \*To fix surface defects before plating the walls with ceramics.
- \*To fix surface defects before all kinds of isolation and to chamfer the edges.
- \*To fill the rod clearances.

### Features of Product

- \* It adheres perfectly thanks to the chemicals inside.
- \* It is easy to apply.
- \* It has different product types to be applied manually or with machines.
- \* It is economical since its rebound is not too much.
- \* It does not crack.
- \* It has a long working period.

### Application Procedure

#### Surface Preparation

The application surface must be strong and free from materials that could decrease adherence. The application surface must be moisturized; and saturated with water in hot and windy weathers.

#### Mixing

A clean mixing bowl is filled with the necessary amount of water by means of a scale and POMEX THICK PLASTER of 25 kg is slowly added. It is mixed with a low speed mixer for 3 - 5 minutes until obtaining a homogenous mixture. The mixture waits for 5 minutes in the mixing bowl and mixed again for 20-30 seconds to get it ready for use.

### Mixture ratio

4.5-5.5 liters of water for 25 kg of powder  
0.180-0.220 liters of water for 1 kg powder

### Application Method

The prepared mixture is applied with a trowel on the surface, which has been saturated with water or primed, as thick as 2-3cm.

### Points to take into consideration

- \* For **POMEX THICK PLASTER** 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.
- \* Application thickness should be maximum 1-2 mm. If any thicker is required, double layer application is necessary.
- \* The material starting to dry in the bowl should not be mixed with water and new material.
- \* for the too porous surfaces, **POMEX THICK PLASTER** should be applied after **eile PRIMER E** has been applied.

### Cleaning of Tools

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

### Packaging

Kraft sack of 25 kg

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

**Shelf Life:** 12 months following the production date under the specified storage conditions.



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## Technical Specifications

**Structure of the material:** It contains polymer modified special cement.

**Color:** Grey

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

**Application thickness:** 1-2 cm

**Pot life (20 °C):** 45 minutes

**Consumption (for 1 mm thickness):** 14-16 kg/m<sup>2</sup>

**Maturation period:** 5 minutes

**Ready within:** 24-48 hours (20 °C)

**Dry bulk density:** 1500±100 kg/m<sup>3</sup>

**Compressive strength:** CS IV ≥ 6.0 N/mm<sup>2</sup>

**Bond strength:** ≥ 1 N/mm<sup>2</sup>

**Capillary water absorbency:** ≤ 0.4 kg/m<sup>2</sup>min<sup>0.5</sup>

**Water vapor permeability:** ≤ 15 μ

**Test drying:** 28 days (20 °C)



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TS EN 998-1

Dry bulk density: 1500±100 kg/m<sup>3</sup>  
Compressive strength: CS IV  
Bond strength: ≥ 1 N/mm<sup>2</sup>  
Capillary water absorbency: ≤ 0.4 kg/m<sup>2</sup>min<sup>0.5</sup>  
Water vapor permeability: ≤ 15 μ  
Fire reaction class: Class A 1

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 change due to the differences in the worksite environment.

**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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