

POMEX THIN PLASTER



Polymer Reinforced Cement Based Thin Plaster

Description

It is a cement based, fiber and polymer reinforced economic thin plaster mortar.

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

Areas of Usage

It is applied as thin plaster on coated rough cast indoors and outdoors. Before applied on absorbent surfaces such as gas concrete, **eile TU 05** or **eile COAT E** should be applied. A break of 1 or 2 days should be given depending on the ambient environment. Exposed concrete thin plaster should be preferred on exposed concrete surface applications.

Features of Product

- * It provides a strong surface thanks to its high adhering and resistance strength.
- * It is economical and easy to apply.
- * It is resistant to external factors since it is fiber-reinforced.
- * Machine thin plaster should be preferred in machine applications.

Application Procedure

Surface Preparation

The application surface must be strong, flat and clean. All kinds of materials that could decrease adherence should be removed. 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. Then, **POMEX THIN PLASTER** 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 and mixed again for 20-30 seconds to get it ready for use.

Mixture ratio

5- 6 liters of water for 25 kg of powder
0.200-0.240 liters of water for 1 kg powder
Mixture density: 1.5-1.6 gr/cm³

Application Method

The prepared mixture is applied on the surface which has been saturated with water or primed as thick as maximum 4 mm using a trowel. If required, some water can be sprinkled on the surface after it drains and it is finished with a steel trowel.

Points to take into consideration

- * For **POMEX THIN 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.
- * **POMEX THIN PLASTER** should not be applied thicker than 4 mm.
- * The crusted **POMEX THIN PLASTER** should not be mixed with water and new material.
- * The prepared mixture should be used within 45 minutes at 20 °C.
- * The surface where **POMEX THIN PLASTER** has been applied should be protected from sun and wind for 24 hours.

Cleaning of Tools

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

Packaging

Kraft sack of 25 kg

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

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



POMEX THIN PLASTER



Technical Specifications

Structure of the material: mineral fillings, special additives and cement

Color: Grey

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

Maturation period: 5 minutes

Application thickness: 2-4 mm

Pot life (20 °C): 45 minutes

Consumption: min. 2.5 kg (for 2 mm thickness)

Ready within: 24 hours (20 °C)

Compressive strength: $\geq 6 \text{ N/mm}^2$

Bond strength: $\geq 0.5 \text{ N/mm}^2$

Capillary water absorbency: $\leq 0.4 \text{ kg/m}^2\text{min}^{0.5}$



1020

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: $1400 \pm 200 \text{ kg/m}^3$
Compressive strength: CS IV
Bond strength: $\geq 1 \text{ N/mm}^2$
Capillary water absorbency: $\leq 0.4 \text{ kg/m}^2\text{min}^{0.5}$
Water vapor permeability: $\leq 15 \mu$
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.

Note: **eile POMEX** reserves the right to improve/revise the product and this technical document over time. This Technical Data Sheet supersedes the former Technical Data Sheet released for this product. The user must make sure that the available technical document is the latest updated version. If necessary, our company must be contacted to inquire the updating status of the document. AUGUST 2014



eile Pomex Yapı Kimyasalları
Ankara Asfaltı No: 476/A Bornova/İZMİR
Tel: +90 232 360 17 77 • Faks: +90 232 360 16 16
www.eilepomex.com • info@eilepomex.com