

# POMEX THERMAL JACKETING PLASTER

## Plaster Mortar for Thermal Insulation Boards

### Description

It is cement based, polymer reinforced economic plaster mortar used for plastering the thermal insulation boards.

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### Areas of Usage

It is used in plastering surfaces of the boards on the wall such as extruded and expanded polystyrene, rock wool and glass wool used for thermal jacketing of exterior walls.

### Features of Product

- \*It adheres perfectly.
- \*It is easy to prepare and apply.
- \*It has a long working period.
- \*It can be painted.
- \* It does not crack or contract.

### Application Procedure

#### Surface Preparation

The application boards should be dry, clean and strongly adhered to the surface.

#### Mixing

A clean mixing bowl is filled with the necessary amount of water by means of a scale. Then, **POMEX THERMAL JACKETING PLASTER** is slowly added. 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.

#### Application Method

The thermal insulation boards are glued with **POMEX THERMAL JACKETING BOARD ADHESIVE** or **eile PLY 2100**. The plaster mortar is applied on the boards. Then, the plaster mesh is immersed in the first layer. Then, the second layer of plaster is applied. The plaster surface can be leveled using a wet sponge. After the jacketing board plaster cure is completed, any coating of preferred color and looks can be applied.

### Mixture ratio

5.5- 6.5 liters of water for 25 kg of powder  
0.220-0.260 liters of water for 1 kg powder

### Points to take into consideration

- \* For **POMEX THERMAL JACKETING 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.
- \* The material should not be applied thicker than 3 or 4 mm.
- \* The crusted material in the bowl should not be mixed with water and new material.
- \*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.

### Cleaning of Tools

The tools and equipment used during the application should be cleaned with water. **POMEX THERMAL JACKETING PLASTER** can be removed only mechanically after it dries up.

### 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 and in unopened package.



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## Technical Specifications

**Structure of the material:** Mineral fillings, special additives and cement.

**Color:** Grey

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

**Application thickness:** min:3mm/max:4mm

**Pot Life:** 2 hours (20 °C)

**Consumption:** 1.25-1.5 kg/ m<sup>2</sup> (for 1 mm)

**Maturation** : 5-10 minutes

**Adherence strength to the thermal insulating board:**

≥ 0.08 N/mm<sup>2</sup>

**Compressive strength:** ≥ 6 N/mm<sup>2</sup>

**Bending strength:** ≥ 2 N/mm<sup>2</sup>

**Usage period:** 120 minutes (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 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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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