

POMEX THERMAL JACKETING ADHESIVE MORTAR

Adhesive Mortar for Thermal Insulation Boards

Description

It is a cement based, polymer reinforced adhesive mortar used for gluing the thermal insulation boards.

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Areas of Usage

It is used in all kinds of constructions to glue XPS, EPS and rock wool thermal insulation boards.

Features of Product

- *It adheres perfectly.
- *It has a long working period.
- *It is easy to prepare and apply.

Application Procedure

Surface Preparation

The application surface should be strong, clean, dust-free, set and leveled. The cracks and holes on the surface must be fixed with **eile TH 60** or **eile TH 70**. Early drying and shedding risk of the adhesive mortar should be eliminated in highly absorbent surfaces. In order to increase the performance of the adhesive mortar, the suitable moisture level or priming should be provided. Necessary precautions for waterproofing should be taken in the parts exposed to water. Horizontal and vertical threads should cover the building or front surface for leveling.

Mixing

A clean mixing bowl is filled with the necessary amount of water by means of a scale. Then, **POMEX THERMAL JACKETING ADHESIVE MORTAR** is slowly added into the bowl. It is mixed with a low speed mixer for 3 - 5 minutes until obtaining a homogenous mixture. The mixture waits for 5-10 minutes and mixed again for 20-30 seconds to get it ready for use.

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

Application

Point Adhesive Method: It is applied as a strip of 5 mm along the adherence surface edges of thermal insulating boards. Three big pieces are spotted on the midpoint of the boards using a mortar trowel. 40% of the surface area of the jacketing board should be covered with the adhesive.

Notched Trowel Method: It is completely spread on the surface or insulation board using a steel notched trowel. It can be preferred when the application surface is smooth. After the application of the adhesive, the insulation boards are placed on the wall surface without leaving spaces.

Consumption: 4-5 kg/m²

Points to take into consideration

- * For **POMEX THERMAL JACKETING ADHESIVE MORTAR** 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 starting to dry should not be mixed with water and new material.
- *The glued thermal insulating boards are fixed on the surface using suitable plugs.
- * The prepared mixture should be used within 90 minutes.
- *The board surfaces glued with **POMEX THERMAL JACKETING ADHESIVE MORTAR** are ready to be plastered at least 2 days later.

Cleaning of Tools

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

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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.

Technical Features

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

Color: Grey

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

Pot Life: 90 minutes (20 °C)

Maturation period (waiting period for the application after mixing the material): 5-10 minutes

Consumption: 4-5 kg/m²

Adherence strength to the thermal insulating board: ≥0.08 N/mm²

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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