

POMEX AERATED CONCRETE ADHESIVE MORTAR



Description

It is a practical single component cement based gas concrete masonry mortar at the size of a special grain filling, containing chemicals increasing processing ability.

Certified according to TS EN 998-2 standards.

Areas of Usage

* Suitable for securely bonding building elements with high water absorption capacity such as aerated concrete and bricks in both interior and exterior environments.

Features of Product

- *Resistant to the water absorption property of aerated concrete.
- *Does not dry quickly.
- *Easy to apply.
- *Saves time and labor.
- *Resistant to water and frost.

Application Procedure

Surface Preparation

The application surface should be cleaned from adherence decreasing materials such as dust, oil and dirt. The surface should be moistened before application.

Mixing

Appropriate amount of water is poured into a clean mixing container using a measuring scale. The product is slowly added. It is mixed with a low-speed mixer for 3-5 minutes until a homogeneous mixture is obtained. After resting for 5 minutes, the material is mixed again and ready for use.

Mixture ratios

6.0-7.5 liters of water for 25 kg powder
0.240-0.300 for 1 kg powder

Application

The prepared mixture should be spread on the horizontal and vertical surfaces of the aerated concrete blocks and combed with a 10*10*10 mm notched trowel to ensure consistent thickness. The bonding process should be carried out within approximately 10 minutes after combing the mortar. When laying the blocks, joints of maximum 3 mm width should be left both horizontally and vertically, and care should be taken to ensure that the joints are filled with **POMEX Aerated Concrete Adhesive Mortar** completely.

Consumption

The amount of the pomex aerated concrete adhesive to be used for a wall of 1 m ²									
Block thickness (cm)	10	12.5	15	17.5	20	22.5	25	27.5	30
Pomex mortar (kg/m ²)	1.5	1.9	2.2	2.6	2.9	3.3	3.7	4.0	4.4

Points to take into consideration

- * For the application of **POMEX Aerated Concrete Adhesive Mortar**, 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.
- *Water and new material should not be added to the mixture that has started to dry.
- *Before application, the surfaces of the aerated concrete blocks should be moistened with water.
- *To correct irregularities on the floor, the first row should be laid with a classic mortar brought to level.

Cleaning of Tools

Tools and equipment used should be cleaned with

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water after application. Once the material hardens, it can only be mechanically removed from the surface.

Package

25 kg craft bag

Storage

It should be stored in its original package in a cool and dry environment with a maximum 10-fold stacking.

Shelf Life

Under the specified storage conditions, the shelf life is 12 months from the date of manufacture.

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

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Technical Features

The structure of the material: Mineral filling, polymer modified special cement

Color : Grey

Maturation Period : 5 minutes

Application Period : 2 hours(20°C)

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

Compressive strength (28 DAYS) : > 5