

POMEX GAS 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.

**The Ministry of Environment and Urban Planning
Pos. No: 04.478**

Areas of Usage

*It is safely used in the masonry of constructional elements such as gas concrete and bricks with high water absorbency capacity.

Features of Product

- *It is resistant to water absorption of gas concrete.
- *It does not dry quickly.
- *It is easy to apply.
- *It saves time and labor.
- * It is 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. It should be moisturized before the application.

Mixing

A clean mixing bowl is filled with the necessary amount of water by means of a scale. **POMEX Gas concrete adhesive mortar** is slowly added into the water. 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 to get it 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 vertical and horizontal surfaces of the gas concrete blocks using a 10*10*10 mm comb to apply the same thickness. The combed mortar should be covered with the material to be adhered within approximately 10 minutes. During masonry, there should be grouts of maximum 3 mm vertically and horizontally and the grouts should be completely filled with **POMEX Gas concrete adhesive mortar**.

Consumption

The amount of the pomex gas 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 Gas 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.
- * The **POMEX Gas concrete adhesive mortar** starting to crustate should not be mixed with water or new materials.
- *The gas concrete block surfaces should be moisturized with water before the application.
- *The first row should be built leveled by using classic mortar to fix the roughness on the floor.

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Cleaning of Tools: The tools and equipment used during the application should be cleaned with water. The material 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.

Technical Features

The structure of the material: Mineral filling, polymer modified special cement	
Color	: Grey
Maturation Period	: 5 minutes
Application Period	: 2 hours(20 ⁰ C)
Application temperature: +5 °C /+30 °C	
Compressive strength (28 DAYS) N/mm ²	: ≥ 5
Test drying : 28 days (20 ⁰ 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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