

POMEX RUSTIC JOINT SEALANT

Cement Based, Flexible, High Performance Grout Sealant (6-20 mm)

Description

It is a high performance cement based polymer reinforced grout sealant with water repellent feature.

**The Ministry of Environment and Urban Planning
Pos. No: 04.380/54**

Areas of Usage

* It is used in filling the grout gaps sized 6-20 mm on the big coating materials such as ceramic, granite ceramic and natural stones with a rustic look indoors and outdoors.

Features of Product

- *It is flexible.
- * It is resistant to freezing-thawing cycle.
- * It is resistant to abrasion.
- *It is water-repellent.
- *It does not crack.

Application Procedure

Surface Preparation

Materials reducing adherence such as dust, sawdust, construction cement in the joint gap should be removed. The joint gaps should be moisturized especially in hot and windy weather conditions. This process should be carried out even when the coating materials with high absorbency rate are used. Before the application, make sure that the adhesive material has completed curing.

Mixing

A clean mixing bowl is filled with the necessary amount of water by means of a scale. **Pomex Rustic Joint Sealant** is slowly added. A homogeneous mixture is prepared by mixing it with a low speed mixer for 3 - 5 minutes. The mixture waits for 5-10 minutes before being mixed for another 20-30 seconds in order to get it ready for use.

Mixture Ratios

3.5-4 liters of water for 20 kg powder
0.175-0.200 liters of water for 1 kg powder

Application Method

The prepared grout sealant is spread on the surface with transversal moves to fill the grout gaps completely. The excess on the surface should be removed using a wet sponge or a soft tipped spatula. When **Pomex Rustic Joint Sealant** filled in the joint gaps dries, the surface should be cleaned using a wet sponge with circular moves. This should take place usually after 15-30 minutes.

Consumption Table:

For the ceramic sizes of 10x10 cm; 700 gr/m ² for 3 mm. grout width 950 gr/m ² for 4 mm. grout width 1500 gr/m ² for 6 mm. grout width
For the ceramic sizes of 20x20 cm; 350 gr/m ² for 3 mm. grout width 500 gr/m ² for 4 mm. grout width 700 gr/m ² for 6 mm. grout width
For the ceramic sizes of 30x30 cm; 250 gr/m ² for 3 mm. grout width 300 gr/m ² for 4 mm. grout width 500 gr/m ² for 6 mm. grout width

Points to take into consideration

- *For **POMEX RUSTIC JOINT SEALANT** application, if the ambient temperature is below +5°C or above +35°C, the suitable conditions should be met. Extremely hot, rainy or windy weather is not suitable for application.
- *The prepared mortar mixture should be consumed within an hour. The crustated mixtures or those with expired pot life should be avoided for application.
- *The homogeneous mixture should not be mixed with any foreign materials.
- * The **POMEX RUSTIC JOINT SEALANT** starting to dry should not be mixed with water or new materials.
- *Before the application of grout gap sealant the adhesive must complete curing.

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Packaging: Kraft sack of 10-20 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 and in unopened package.

Technical Specifications:

Structure of the material: Contains mineral fillings, special additives and cement
Color: White, Light Grey, Dark Grey, Creme Beige
Application Temperature: +5 °C/+35 °C
Maturation Period: 5-10 min. (the waiting period for application after mixing the material)
Hardening period: 24 hours (20 °C)
Bending Resistance: $\geq 2.5 \text{ N/mm}^2$
Compressive Strength: $\geq 15 \text{ N/mm}^2$
Bending Resistance after freeze-thaw cycle: $\geq 2.5 \text{ N/mm}^2$
Compressive Strength after freeze-thaw cycle: $\geq 15 \text{ N/mm}^2$
Abrasion Resistance: $\leq 1000 \text{ mm}^3$
Shrinkage: $\leq 3 \text{ mm/m}$
Water absorption: $\leq 2 \text{ gr}$ (30 minutes)
Water absorption: $\leq 5 \text{ gr}$ (240 minutes)
Application Period: 60 minutes (20 °C)
Ready to be walked on within: 24-48 hours (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 higher temperature shortens the period while the lower temperature extends the period.

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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