

POMEX RUSTIC JOINT SEALANT

Cement-Based Flexible High-Performance Joint Filling Material (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
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Areas of Usage

* It is used for filling joint gaps ranging from 6-20 mm in size for covering materials such as large-sized rustic-looking ceramics, granite, granite ceramics, and natural stone in both indoor and outdoor spaces.

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

To ensure homogeneous drying, any debris reducing adherence such as dust, etc., that may be present in the joint gaps should be cleaned. The joint gaps should be moistened, especially in hot and windy environments or when highly absorbent coating materials 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 into the water. It is mixed with a low-speed mixer for 3 - 5 minutes until obtaining a homogenous mixture. The mixture waits for 5-10 minutes in the mixing bowl and mixed again for 20-30 seconds to get it ready for use.

Mixture Ratios

For 20 kg of powder: 3.5-4 liters of water

For 1 kg of powder: 0.175-0.200 liters of water

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

Important Points:

- * If the ambient and surface temperatures are below +5°C or above +35°C, suitable temperatures should be awaited. Extreme heat, rainy, or windy weather conditions should be avoided during application.
- * Under no circumstances should water or new material be added to the mixture that has started to dry. Before applying the joint filler product, the adhesive product **must have completed its curing process.**
- *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.

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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.

Packaging: 20 kg Kraft Bag

Storage: Unopened original packaging should be stored in a cool, dry environment, stacked no more than 10 layers high.

Shelf Life: Under specified storage conditions, the shelf life is 12 months from the production date.

Cleaning of Tools

The tools and equipment used during the application should be cleaned with water. **POMEX RUSTIC JOINT SEALANT** can only be mechanically removed from the surface after it has hardened.

Safety Recommendations: During application, appropriate workwear, protective gloves, goggles, and masks in accordance with occupational health and safety regulations must be worn. Avoid contact with skin and eyes; if contact occurs, wash thoroughly with plenty of water. In case of ingestion, seek medical attention immediately. Store out of the reach of children. No food or drink should be kept in the areas where the application is taking place.

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