

POMEX POOL JOINT SEALANT

Cement Based, Antibacterial Flexible Grout Sealant Resistant to Pool Chemicals

Description

It is a high-performance joint filler material that is cement-based, polymer-modified, and contains water-repellent chemical additives.

Areas of Usage

*It is used in permanent wet areas such as pools, spas, etc.

*It is used in joint gaps ranging from 1-6mm for covering materials such as ceramic, marble, granite ceramic, large-sized ceramic, terracotta, glass mosaic, etc.

Features of Product:

*It is anti-bacterial, thus prevents fungus, bacteria and moss formation.

* It does not crack or bleed.

**It is resistant to fading.

*It is flexible and water repellent.

Application Procedures

Surface Preparation

To ensure homogeneous drying, any debris such as dust, chips, cement residues, etc., that may be present between the joint gaps should be cleaned without causing damage to the ceramic before the joint application.

Especially on walls, the joint gaps should be moistened before application. The adhesive must have cured before the joint filling application.

Mixing

The appropriate amount of water is poured into a clean mixing container using a measuring cup. Then, POMEX POOL JOINT FILLER is slowly added. It is mixed with a low-speed mixer for 3 to 4 minutes until a homogeneous mixture is obtained. The mixture rests 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: 6.5-7.5 liters of water

For 10 kg of powder: 3.250-3.750 liters of water

For 1 kg of powder: 0.325-0.375 liters of water

Application Instruction

The joint filler mixture, prepared to the appropriate consistency, is spread over the surface using crosswise movements to ensure thorough filling of the joint gaps.

Excess material on the surface should be scraped off using a dampened sponge or a soft-edged spatula.

Once the **POMEX POOL JOINT FILLER** applied to the joint gaps dries on the surface, the surface should be cleaned with circular movements using a moist sponge. Typically, the expected time for this process is around 15-30 minutes. However, in applications where highly absorbent coating materials are used or in hot and windy conditions, the waiting time may be shortened.

If the wiping process is done too early or with an overly wet sponge, color variation issues may arise with **POMEX POOL JOINT FILLER**. Care should be taken to ensure the cleanliness of the sponge used in the wiping process.

Consumption Table

For the ceramic sizes of 10x10 cm;

700 gr/m² for 3 mm. grout width
950 gr/m² for 4 mm. grout width
1500 gr/m² for 6 mm. grout width

For the ceramic sizes of 20x20 cm;

350 gr/m² for 3 mm. grout width
500 gr/m² for 4 mm. grout width
700 gr/m² for 6 mm. grout width

For the ceramic sizes of 30x30 cm;

250 gr/m² for 3 mm. grout width
300 gr/m² for 4 mm. grout width
500 gr/m² for 6 mm. grout width

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Points to take into consideration:

*In the application of POMEX POOL JOINT FILLER, suitable temperatures for application should be awaited if the ambient and surface temperatures are below +5°C or above +35°C. Application should also be avoided in extreme heat, rainy, or windy conditions.

*Ceramic tiles with high water absorption should be saturated with water before application.

*Water or new material should not be added to the **POMEX POOL JOINT FILLER** mixture that has started to dry.

*To achieve high performance, it is recommended to moisten the application area with water the next day.

*The joint width for using **POMEX POOL JOINT FILLER** should not exceed 6 mm.

*Before applying the joint filler product, the adhesive product must have completed its curing process.

Cleaning of Tools:

After the application, the tools and equipment used should be cleaned with water. POMEX POOL JOINT FILLER can only be mechanically removed from the surface after it has hardened.

Technical Specifications

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

Color: White

Application Temperature: +5 °C/+35 °C

Maturation Period: 5-10 minutes (the waiting period for the 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: $\leq 5 \text{ gr (240 minutes)}$

Storage:

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

Packaging:

20 kg Kraft bag

Shelf Life:

Under specified storage conditions and in unopened packaging, the shelf life is 12 months from the production date.

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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