

POMEX POOL JOINT SEALANT

Cement Based, Antibacterial Flexible Grout Sealant Resistant to Pool Chemicals

Description

It is a high performance cement based polymer reinforced grout sealant containing water repellent chemicals.

Areas of Usage

- *It is used in constantly wet places such as pool and thermal baths;
- * grout applications between 1 and 6 mm of the ceramics, marble, big sized ceramics, cotto and glass ceramic and similar coating materials.

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

Before the joint gap sealant applications, the residues such as dust, sawdust, construction cement in the grout gap should be removed without damaging the ceramic in order to get a homogenous drying. The grout gaps especially on walls should be moisturized. Before the application of grout sealant, the adhesive must complete curing.

Mixing

A clean mixing bowl is filled with the necessary amount of water by means of a scale. **POMEX POOL JOINT** is slowly added into the water. It is mixed with a low speed mixer for 3 - 4 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

- 6.5-7.5 liters of water for 20 kg powder
- 3.250-3.750 liters of water for 10 kg powder
- 0. 325-0.375 for 1 kg powder

Application Instruction

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 POOL JOINT surface filed in the grout gaps dries, the surface should be cleaned using a wet sponge with circular moves. This should take place usually after 15-30 minutes. This period is shortened when a coating material with high absorbency is used or the weather is too hot or windy. If the wiping is done too early or with a too wet sponge, the color of POMEX GROUT SEALANT might fluctuate. The sponge used for wiping should be clean.

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

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Points to take into consideration:

*For **POMEX POOL JOINT** 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 ceramics with high water absorbency rate should be saturated with water before the application.

* The mortar starting to dry should not be mixed with water or new materials.

*The application area should be recommended to be moisturized with water the following day for high performance.

* Grout holes to be filled with Pomex pool joint should not be larger than 6 mm.

*Before the application of grout sealant, the adhesive must complete curing.

Cleaning of Tools

The tools and equipment used during the application should be cleaned with water. **POMEX POOL JOINT** can be removed only mechanically after it hardens.

Storage: Best stored in cool and dry place in their unopened package with a maximum 10-fold stacking.

Packaging: Kraft sack of 10-20 kg

Shelf Life: 12 months following the production date under the specified storage conditions and in unopened package.

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: $\leq 5 \text{ gr (240 minutes)}$

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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