

# POMEX JOINT



## Cement Based Grout Sealant (1-6 mm)

### Description

Cement based standard performance grout sealant for thin grouts.

**TS EN 13888 TSE CG1 class.**

**The Ministry of Environment and Urban Planning  
Pos. No: 04.380/051**

### Areas of Usage

\* Grout applications up to 6 mm of the ceramics, tiles and similar coating materials,

\*Outdoor floors,

\*Indoor walls and floors.

### Features of Product

\*It is suitable for 1-6 mm surfaces.

\*It provides perfect adherence without cracks.

\*It gives a long processing period.

## APPLICATION PROCEDURE

### Surface Preparation

Before the grout applications, the residues such as dust, sawdust, construction cement in the joint gap should be removed without damaging the ceramic. 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. **eile POMEX GROUT SEALANT** is slowly added into the mixing bowl. 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

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 Method

The prepared grout gap sealant is spread on the surface with transversal moves to fill the joint gaps completely.

The excess on the surface should be removed using a wet sponge or a soft tipped spatula. When POMEX GROUT SEALANT surface filed in the grout gaps is dried up, 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

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

### Cleaning of Tools

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

### Points to take into consideration

\* 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.

\*Grout holes to be filled with Pomex grout sealant should not be larger than 6 mm.

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



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## Technical Specifications

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

**Color** : White, light grey, dark grey, cream beige

**Waiting Period:** 5-10 minutes

**Application period:** 1 hour (20 °C) (pot life)

**Ready to be walked on within:** 24-48 hours (20 °C)

**Application Temperature:** +5 °C/+35 °C

**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:**  $\leq 2000 \text{ mm}^3$

**Shrinkage:**  $\leq 3 \text{ mm/m}$

**Water absorption:**  $\leq 5 \text{ gr}$  ( 30 minutes )

**Water absorption:**  $\leq 10 \text{ gr}$  ( 240 minutes )

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.

**Packaging:** Kraft sack of 10-20 kg

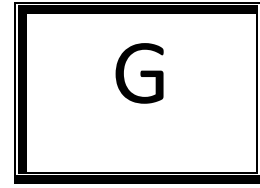
**Storage:** Best stored in cool and dry place in their unopened package with a maximum 10-fold stacking.

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

**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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**TS EN 13888(CG1)**  
**CG 1 NORMAL CEMENT BASED GROUT**  
**SEALANT**