

## ISOLION SILICONE JOINT FILLER

<b>Product Definition</b>	<ul style="list-style-type: none"><li>› It is silicone joint filling material with powder polymer and powder silicone additive that is specially developed for filling middle sections of faience and ceramics, that is white cement-based with single component and high elasticity feature.</li></ul>
<b>Area of Use</b>	<ul style="list-style-type: none"><li>› Used in internal and external areas,</li><li>› In horizontal and vertical surfaces,</li><li>› Used as filling material for joints of coating materials such as ceramic, tile, porcelain ceramic, natural stone, porcelain ceramic, marble etc.</li></ul>
<b>Characteristics and Advantages</b>	<ul style="list-style-type: none"><li>› It has very high water propellent feature.</li><li>› Flexible.</li><li>› It is easy to apply.</li><li>› Provides an inseparable integrity with tile.</li><li>› It is easy to clean.</li><li>› It is applied at most 0-6 mm thickness.</li><li>› It is resistant to water and moisture.</li><li>› It is durable and long lasting.</li></ul>
<b>Application Details</b>	<ul style="list-style-type: none"><li>› It should be noted that it has obtained its surface resistance. It should be cleaned of materials such as powder, oil, paint, etc. preventing adhesion to jointing spaces. Joint spaces should be moisturized before filling joints in vertical applications.</li></ul>
<b>Surface Preparation</b>	<ul style="list-style-type: none"><li>› ISOLIO SILICONE JOINT FILLER in 20 kg powder form is mixed with 6.5-7.5 liters of water with the help of a low-speed mixer or drilling machine until a homogeneous mixture is obtained without lumps. This mixture is rested for maturation and dissolution of chemicals inside and mixed again.</li></ul>
<b>Application</b>	<ul style="list-style-type: none"><li>› ISOLION SILICONE GROUTING MORTAR, ready to use, is applied with grouting trowel firstly in parallel way then in crossways.</li><li>› Extra fills remaining on coating material are cleaned using sponge or wet scraper. Surface cleaning and smoothing process should be done while mortar is damp. After application, surface usage duration is 24 hours.</li></ul>

## Warnings and Recommendations

- › Store the product in its original package in a place away from sun and dry environment (between +5°C, +30°C).
- › Avoid contact with eyes. Wash with plenty of water in case of contact. Consult to the nearest health center immediately.
- › Do not add power or water to mortar with operation duration passed.

## Technical Specifications

Color	White and Gray
Appearance	Dust
Mix Ratio	6.5-7.5 l water / 20 kg powder
Application Temperature	+5 °C / + 30°C
Ladle Life	90 minutes (at 25°C)
Compressive Strength	At least 15 N / mm <sup>2</sup> (after dry storage)
Compressive Strength	at least 15 N / mm <sup>2</sup> (after freezing-solution cycle)
Bending Resistance	At least 2.5 N / mm <sup>2</sup> (after dry storage)
Bending Resistance	At least 2.5 N / mm <sup>2</sup> (after freezing-solution cycle)
Shrinkage	At max. 1000 mm <sup>3</sup>
Water Suction	At most 3 mm/m 30 minutes, at most 5 gr. -240 min., at most 10 gr.

\*\*\* Tests have been performed in a laboratory environment at 23 °C and 50% relative humidity.

## Consumption

- › M<sup>2</sup>, for 6 mm application, it is used between 0.600 - 1 kg.

## Packing

- › Craft bag of 20 kg

## Shelf Life

- › 12 months under suitable conditions in unopened original packaging.

## Standard

- › Conforms to TS EN 13888 standard.

