



PROFUGA 445

*Cement Based Silicone
Grouting Mortar CG1*

PRODUCT DESCRIPTION:

It is a cement based, silicone joint filler suitable for 1-6 mm joint gaps.

FEATURES:

It is resistant to water, moisture and impacts.
It is water repellent due to its silicon content.
It has high adhesion strength.
Suitable for 1-6 mm joint spacing.
Its adherence is high.
It provides a smooth surface.

PRODUCT INFORMATION:

Chemical Base	Cement-based
Appearance / Color	Powder / BARS Color Chart

PERFORMANCE:

(23°C, 50% RH)

Hollow Unit Volume Mass of Fresh Mortar 1350 ± 200 kg/m³ TS EN 1015-6

Grain Size Distribution

Amount remaining on the sieve with 1 mm opening $\leq 1.0\%$ TS EN 1015-1

Compressive Strength 28 days ≥ 4.0 N/mm² TS EN 1015-11

Flexural Strength 28 days ≥ 2.0 N/mm² TS EN 1015-11

Water Absorption: (after 30 minutes) ≤ 5 gr TS EN 12808

Water Absorption: (After 240 minutes) ≤ 10 gr TS EN 12808

These values have been obtained as a result of laboratory tests carried out in our company and are valid for the performance of the finished applications at the end of the full drying period. Since the temperature and humidity values in the construction site environment and the application surfaces and areas will vary, the values may change.



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USAGE AREAS:

It is used for filling 1-6 mm joint gaps of coating materials such as ceramic, marble, natural stone, glass mosaic, indoors, on the floor and on the wall. It can be used safely in areas such as bathrooms, kitchens, balconies and terraces.

APPLICATION INSTRUCTIONS:

Joints should be dry and solid. The tile adhesive must be completely dry. It must be cleaned of residues such as oil, grease, dirt, paint, salt vomit that will prevent adhesion. In a hot and dry environment, the joints should be moistened with water before application.

Slowly pour 20 kg of PROFUGA onto 4-4.5 liters of water and mix with the help of a low-speed mixer until no lumps remain. Adding more or less water than specified may cause cracking, dusting and color defects. Let the mortar rest for 5-10 minutes to mature. It is mixed again before starting the application.

Application Equipment:

Hand Mixer
Trowel
Filler Trowel
Sponge Cloth

Until the ceramics are adhered and dry, contact with water should be avoided. The prepared mortar should be spread on the surface, and the joint gaps should be filled with a rubber-sided filler trowel with cross movements and the excess should be scraped off from the surface. When the grouting material dries, the surface should be cleaned with a damp sponge with circular movements. Clean the application tools with water. Expired or crusted mortar in the container should be disposed of. After application, hands and application tools should be washed with plenty of water.

LIMITATIONS:

Please obey to the application instructions to obtain optimum quality. The application should be done between +5 C and +30 C. It should not be applied in hot, rainy and windy weather. It should not be applied on surfaces where there is a danger of frost. The product should be protected from rain, water, frost and adverse external factors until it cures (28 days).



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CONSUMPTION:

It varies depending on the joint width and ceramic size.

PACKAGING:

Carton box containing 5 pieces of 5 kg pp bags
In 20 kg kraft bags,
(64 pieces per pallet, 1280 kg)

SHELF LIFE:

It is 1 year from the date of production in its original packaging in a humidity-free, dry and cool (temperature between +5 C and +25 C) environment. The lid of the containers should be tightly closed when not in use. It should be kept away from moisture.

STORAGE CONDITIONS:

It should be stored in its unopened original package, in a moisture-free, dry and cool (temperature between +5 C and +25 C) environment. It should not be left under direct sunlight.

SECURITY:

Since it is cement based, do not breathe the dust, do not contact the skin and eyes. Use mask. Use protective gloves, goggles and clothing. In case of eye contact, seek medical advice immediately. Keep out of reach of children. In case of skin contact, wash with plenty of water and soap. Do not swallow. For detailed information and recommendations, please refer to the Safety Data Sheet.

DEKOSTAR San.ve Tic.Ltd. Şti. is not responsible for any application errors that may occur if the product is used for purposes other than its intended use or if the above-mentioned application conditions and recommendations are not followed. Dekostar reserves the right to change its products. Users should consider the latest edition of the Technical Data Sheet of the relevant product.