

**BD-201-20KG / FUGAFLEX SILICONE GROUTING FILLING****PRODUCT DESCRIPTION**

It is a cement based, polymer added high performance flexible joint filler.

**AREAS OF USAGE**

Bestkim BD-201 Flex Silicone Joint Filler is used for filling the joint gaps between 0-6mm of coating materials such as large sized ceramic, granite, cotto, clinker, glass mosaic, marble, natural stone indoors and outdoors. It is used horizontally and vertically indoors and outdoors.

It gives excellent results on floors with heavy pedestrian and freight traffic, in places with sudden heat transformations such as underfloor heating systems, and in places with wet volumes.

**PRODUCT ADVANTAGES**

It is a cement-based, polymer-reinforced joint filler with low water absorption.

It has high flexibility. It is resistant to freeze-thaw cycle.

It is wear and fade resistant. Colors do not fade.

Splinterproof

It creates a smooth surface.

It can be produced in different colors.

**PERFORMANCE**

Flexural Strength after Dry Storage	EN 12808-3	≥2.5 N/mm <sup>2</sup>
After Freeze-Thaw Cycle: Flexural Strength	EN 12808-3	≥2.5 N/mm <sup>2</sup>
Compressive Strength After Dry Storage	EN 12808-3	≥15 N/mm <sup>2</sup>
After Freeze-Thaw Cycle: Compressive Strength	EN 12808-3	≥15 N/mm <sup>2</sup>
Wear Resistance	EN 12808-2	≤1000 mm <sup>3</sup>
Shrinkage	EN 12808-4	≤3 mm/m
Water Absorption 30 min/4 hours	EN 12808-5	≤2 gr / ≤5 gr

These values are in laboratory conditions; It was obtained as a result of experiments carried out in 23 ± 2°C and 50% ± 5% relative humidity environment.

The values given in the table may differ depending on the surface and ambient conditions.

**TECHNICAL SPECIFICATIONS**

(23 ± 2°C and 50±5% relative humidity)

**SHELF LIFE:**

12 months in unopened packaging in dry conditions

**APPLICATION INFORMATION**

Application temperature: 5 - 30 C°

Mixing Ratio: 6.5-7 lt water / 20 Kg powder

Color: White or colored powder

Pot Life: 1 Hour

Commissioning time: 1 day

Consumption: See grout consumption table

Temperature Resistance: (-30) - ( 70 C°)

## REFERENCE STANDARDS

Approvals/Standards EN 13888

## SURFACE PREPARATION

Adhesive must be cured before grouting application.

Joints should be cleared of residues that will prevent adhesion. The joint depth should be at least 2/3 of the ceramic thickness. When coating materials with high absorbency are used and application is made in hot and windy weather, the joints should be moistened with clean water.

## APPLICATION INSTRUCTIONS

20 Kg Bestkim BD-201 Flex Silicone Joint Filler should be poured slowly onto 6.5-7 liters of water and mixed until a homogeneous mixture is obtained. Mixing should be done with a low speed mixer. Any additives not specified in the application instructions should not be added. Adding more or less water than specified may cause cracking, dusting and color defects. 5 minutes for the prepared mortar to mature, should be rested. It should be mixed again for 1-2 minutes before starting the application. The mortar should be spread on the surface and filled with a rubber trowel with cross movements between the joints and the excess should be scraped off the surface. When the material filled into the joint cavity loses its water and becomes dull, usually after 15-30 minutes, the surface should be cleaned in circular motions with the help of a damp sponge. This period may be shortened in applications made in unsuitable ambient conditions such as direct sun and wind, among coating materials with high absorbency or waiting in the sun. The deletion is premature or When it is made with a very watery sponge, the problem of fluctuation in color may be encountered. The sponge should be cleaned at frequent intervals. After making sure that the joint is dry enough to not be discharged from the joint, the residues remaining on the surface should be cleaned with a dry cloth. The prepared mortar should be consumed within 1 hour. Expired or crusted mortar in the container should be discarded. After application, hands should be washed with plenty of water. Surfaces should be cleaned with a damp cloth. When the joint is applied in very hot, dry and windy conditions, it is recommended to sprinkle water on it a few hours after the application to improve the final performance. The place can be opened for use 1 day after the Bestkim BD-201 Flex Silicone Joint Filler application.

## EQUIPMENT CLEANING

After the application, the mortar on the used equipment should be cleaned with water before it dries.

## PACKAGING

Bestkim BD-201 Flex Silicone Joint Filler is presented in 20 kg kraft bags and a total of 80 bags (1600 kg) on a 105x105 cm pallet.

## STORAGE CONDITIONS

In its unopened original packaging, dry (max. 60% relative humidity) and cool (temperature between 5°C and 25°C) should be stored in the environment. It should not be left under direct sunlight. The mouth of the containers should be tightly closed when not in use. It should be stored in a dry environment with a maximum stack of 10 layers.

## SAFETY RECOMMENDATIONS

Please refer to the Safety Data Sheet (SDS) for easy and safe application of the product. Do not breathe the dust as it is cement based. Do not contact eyes.

## CERTIFICATE OF CONFORMITY

