

# SICHERHEITSFUGE FLEXIBEL



For all tile joints that are contaminated with water and dirt, e. g., in shower and bath. Here, the grouts must be resistant to water and dirt and be particularly abrasion-resistant.

## Product performance

- | High-performance grout with brilliant colours.
- | For joints with a fine surface up to 6 mm wide.
- | For all tile types and formats including porcelain stoneware tiles.
- | With beading effect against soiling.
- | Water- and dirt-resistant, flexible, abrasion-proof, frost-resistant.
- | For highly stressed tile joints, e. g., on particle board or in showers and baths.
- | Usable on all standard construction substrates, even on heated screed.
- | Goes beyond the requirements for CG 2 WA-Fugenmörtel as per EN 13888.

Available in 12 current bathroom tones aligned to the hues of BAD-SILICON: anemone, anthracite, Bahamas beige, caramel, grey, jasmine, Manhattan, Pergamum, fawn brown, black, silver grey, white.

## Applications

For grouting all ceramic tiling, glass tiles and natural stones insensitive to moisture.

On the wall and floor. Indoor and outdoor use as well as under water.



The completed bathroom. SICHERHEITSFUGE FLEXIBEL

## Substrates and preparation

<b>General info</b>	prior to grouting work, allow tile glues used in the thick bed application to harden for a period of 2–3 weeks, as suggested by the manufacturer (see label).
<b>Surface materials</b>	ceramic tiling, glass tiles, natural stones insensitive to moisture.
<b>Joint consistency</b>	clean, uniform depth.
<b>Joint preparation</b>	scratch out the mortar or glue pressed into the joint. Uniformly moisten absorbent substrates and tile edges. Then immediately grout.

## Processing



1 Stir bag contents (5 kg) in approx. 1.4L of clean water. Stir again after 5 minutes. Slurry the grouts with a sponge rubber board diagonally into the joints. Skim off excess material.



2 Use a sponge or sponge board to press along the joints. Coarsely clean afterwards using a moistened sponge.



3 Stiffen grout, i.e., allow to tarnish. Clean using a sponge/sponge board. Clean the sponge/sponge board again in clear, clean water and thoroughly wring out.



4 Polish the tile flooring with a dry cloth as soon as the mortar has hardened.

## Product data

Quantity, yield depends on tile format, joint width and joint depth

Tile and plate format/ Joint depth*	Joint width	Consumption	Productivity of 5 kg SICHERHEITSFUGE FLEXIBEL
5 x 5 cm / 5 mm	2 mm	approx. 0,60 kg/m <sup>2</sup>	approx. 8 m <sup>2</sup>
10 x 10 cm / 5 mm	3 mm	approx. 0,45 kg/m <sup>2</sup>	approx. 11 m <sup>2</sup>
10 x 20 cm / 6 mm	3 mm	approx. 0,40 kg/m <sup>2</sup>	approx. 13 m <sup>2</sup>
15 x 20 cm / 6 mm	3 mm	approx. 0,30 kg/m <sup>2</sup>	approx. 16 m <sup>2</sup>
20 x 20 cm / 6 mm	4 mm	approx. 0,35 kg/m <sup>2</sup>	approx. 14 m <sup>2</sup>
20 x 25 cm / 6 mm	3 mm	approx. 0,25 kg/m <sup>2</sup>	approx. 21 m <sup>2</sup>
30 x 30 cm / 8 mm	5 mm	approx. 0,40 kg/m <sup>2</sup>	approx. 13 m <sup>2</sup>
40 x 40 cm / 10 mm	6 mm	approx. 0,45 kg/m <sup>2</sup>	approx. 11 m <sup>2</sup>
30 x 60 cm / 10 mm	5 mm	approx. 0,35 kg/m <sup>2</sup>	approx. 14 m <sup>2</sup>
60 x 60 cm / 10 mm	3 mm	approx. 0,15 kg/m <sup>2</sup>	approx. 34 m <sup>2</sup>

\*) = Tile thickness

## Product data (continued)

<b>Colour hues</b>	anemone, anthracite, Bahamas beige, caramel, grey, jasmine, Manhattan, Pergamum, fawn brown, black, silver grey, white
<b>Processing time (time in container)</b>	Approx. 1.5 hours.
<b>Processing temperature</b>	5–30 °C.
<b>Can be walked on/loaded</b>	after approx. 24 hours / after 7 days.
<b>Waiting times for follow-up work, e.g., grout elastically with BAD-SILICON</b>	3 days.
<b>Ingredients</b>	Standard cement, calcite fillers, pigments, water-repellent agents, synthetic additives.
<b>Ecology</b>	Very low emissions <sup>PLUS</sup> (EMICODE EC 1 <sup>PLUS</sup> R).
<b>Pack sizes</b>	5 kg, 1 kg.
<b>Shelf life</b>	Approx. 18 months in original packaging. Store in a dry place. All times based on 20 °C and 65% rel. humidity. Higher temperatures accelerate and lower temperature decelerate hardening process.

## Please note

- ! Deviations in hue between the colour label on the package and the hardened grout are due to printing conditions. They can also occur due to, e.g., processing, different absorbability of tiles, and substrate. The colour of the jointing mortar is adjusted to stoneware tiles. For tile types that have differing absorbability, it can lead to different hues of the same colour. This effect is normal and due to technical reasons. We accept no guarantee for this.
- ! For moisture-sensitive natural stone coverings, use LUGATO MARMOR + GRANIT FUGENMÖRTEL.
- ! For absorbent substrates or rough surfaces, natural stone and stoneware tiles, colour pigments can settle in the surface during grouting work. For this reason, we recommend test grouts in order to test the cleaning capability or, if required, to use a joint protection material.
- ! Due to the sensitivity to dirt, it is recommended to grout floor joints with dark grout.
- ! The water-repellent grouting does not replace the grouting of tiles using LUGATO DUSCHABDICHTUNG or UNIVERSAL-ABDICHTUNG.
- ! Hues subject to change without notice.
- ! For the cleaning of the tiles, please use neutral or alkaline cleansers. Frequent or long-term use of acid cleaning agents attacks cement-based grouts.

**Health & safety:** Causes skin irritations. Causes severe eye damage. Can irritate the respiratory system. If medical advice is necessary, keep the packaging or marking label ready. Keep out of the reach of children. Use only outdoors or in well-ventilated rooms. Wear safety gloves (e.g., nitrile-impregnated cotton gloves)/protective clothing/eye protection/face protection. **IN CASE OF EYE CONTACT:** Carefully rinse with water for a few minutes. Remove any contact lenses. Continue rinsing. Bring contents/container to hazardous waste disposal. GISCODE: ZP1. Contains Portland cement. Shows strong alkaline reactions when exposed to water. Prevent dust formation and mortar splashes. If required, download safety data sheet online at [www.lugato.de](http://www.lugato.de).



Hazard

**Disposal:** Recycle empty packaging.

The statements made in this information sheet reflect our current knowledge and experience. Since we do not have influence on the building-specific circumstances and the correct execution of the work, we can only guarantee the consistent quality of our products.

For that reason, in case of doubt verify the suitability of the product through a sufficient number of test applications. A direct legal liability can be derived neither alone from the instructions in this information sheet nor from any verbal consultation.

The publication of this technical information sheet invalidates the previous editions. Subject to change without prior notice.



Responsible Care (RC) for the chemical industry means taking responsible action. It makes this clear through a worldwide initiative. In many countries, chemical associations run national RC programmes. In the international initiative, thousands of companies are active with millions of employees. The goal is voluntary commitment to do more than just the compulsory: Promoting sustainability, demonstrating product responsibility, creating more safety for factories and the neighbourhood, improving health protection at the workplace and improving environmental protection. In the frame of its membership in the German Chemical Industry Association (Verband der deutschen chemischen Industrie), LUGATO has committed itself to adhere to this objective.

**If you're not sure of something, please ask!**

Feel free to give us a call. You can reach the LUGATO experts at: (040) 6 94 07-222.

## Seminars

In cooperation with its trading associates, LUGATO is glad to pass on practical knowledge such as how to install tiles. Find more information about the current range of handyman seminars at [www.lugato.de](http://www.lugato.de) or at your local dealer.



## SIMPLY DO IT YOURSELF

Ask your retailer about the "SIMPLY DO IT YOURSELF" brochure. On more than 160 pages with over 1000 illustrations from "Gluing Tiles" to "Sealing Buildings". All instructions are simply explained picture-by-picture.



LUGATO GmbH & Co. KG, 22885 Barsbüttel,  
Technical Service Tel.: (040) 69 40 7 - 222, [technik@lugato.de](mailto:technik@lugato.de)  
[www.lugato.de](http://www.lugato.de)

Copyright by LUGATO. Version 04/2018

