

Fill CB 817 SILICONE

Construction Chemicals > Joint Fillers > Cement-Based



Fill CB 817 Silicone is a high-quality, cement-based, silicone-reinforced grout that prevents mold and mildew formation and has water-repellent properties.

■ Usage Areas:

- For horizontal and vertical application details exposed to heavy dirt in both interior and exterior areas
- For filling grout joints of previously applied ceramic, marble, granite, glass mosaic, and glass brick on existing floors
- Suitable for all wet areas
- Used in residential, commercial, or industrial flooring

■ Advantages

- Provides high performance in all applied joints
- Resistant to dirt accumulation
- Water-repellent, does not crack, and has a smooth surface that prevents staining
- Easy to prepare and apply, does not scratch glossy or glazed surfaces
- Easy to clean
- Compliant with CG2WA class, with increased abrasion resistance and water-repellent properties

📄 Surface Preparation

The grout residues and any possible objects in the joints of the laid ceramic or tile materials should be cleaned. The ceramic adhesive must be completely dry. Especially for wall applications, the joints should be moistened before application.

📄 Mortar Preparation:

Approximately 6-7 liters of water is placed in a container. Then, 20 kg of Fill CB 817 Silicone is gradually added and mixed with a low-speed mixer until there are no lumps. The prepared grout should be allowed to rest for 5 minutes, then mixed again for 1-2 minutes before use.

📄 Application

The prepared Fill CB 817 Silicone is applied to the joints using a rubber trowel. To ensure the voids are well filled, it should be applied first parallel and then crosswise. Depending on the ambient temperature, the surface should be cleaned thoroughly with a damp sponge 15-20 minutes after application. Once the grout is dry, it should be polished with a dry cloth.

📄 Precautions:

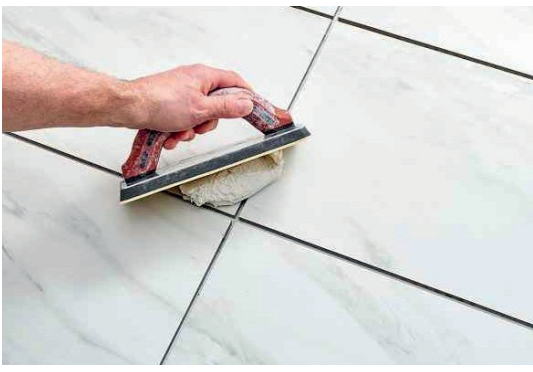
- The grout, once ready for use, cannot be softened by adding water again.
- No additional additives should be added.
- Should not be applied at temperatures below +5°C.
- For outdoor applications, it should be protected from frost, direct sunlight, wind, and rain.
- The material ready for use should be applied within 30 minutes at most.
- When applied with a slurry consistency, thick applications should be avoided to prevent cracking, sinking, and peeling.
- The remaining dry material bag should be tightly sealed and stored. All used tools should be washed with water after the application.

📄 Packaging

20 kg PE reinforced kraft bags.

📄 Shelf Life

At least 12 months in unopened packaging, stored in a dry environment and protected from frost.



Fill CB 817 SILICONE

Material Composition	Mineral fillers, polymer-reinforced additives, and cement
Appearance	Powder in white, gray, and certain other colors
Bulk Density of Powder	~ 1.60 kg/l
Bulk Density of Wet Material	~ 1.85 kg/l
Application Temperature	(+5°C) - (+35°C)
Working Time	Max. 60 minutes
Flexural Strength	≥ 3 N/mm ² (28 days)
Compressive Strength	≥ 20 N/mm ² (28 days)
Water Absorption 30 min	≤ 2 g
Water Absorption 240 min	≤ 5 g
Service Temperature	-20°C to +80°C
Curing Time	12 hours
Time Before Floor Use	24 - 36 hours
Shelf Life	12 months in unopened packaging in a dry environment
Packaging	20 kg PE-reinforced kraft bag