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Fill CB 817 FLEX

Construction Chemicals > Joint Fillers > Cement-Based

Fill CB 817 Flex is a high-performance, polymer-reinforced, water-repellent, cement-based joint filler mortar used in the joints of tiles, ceramics, marble, granite, and similar coverings.

Usage Areas:

- Indoors and outdoors
- Joints with a width of 1–6 mm, left as desired after application on walls and floors
- Tile and granite repairs
- All wet areas
- Residential, commercial, or industrial floors

Advantages

- Provides high performance in all applied joints
- Long-lasting
- Does not crack and has a smooth surface that prevents staining
- Easy to prepare and apply
- Does not scratch shiny or glazed surfaces
- Flexible
- Complies with CG2WA class, with enhanced wear resistance and water-repellent properties

1 Surface Preparation

All mortar residues and other objects on the joints of the laid tiles or ceramic materials should be cleaned. The ceramic adhesive must be completely dry. Joints should be moistened, especially on walls before application.

2 Mortar Preparation:

- Pour approximately 6-7 liters of water into a container.
- Slowly add 20 kg of Fill CB 817 Flex, mixing with a low-speed mixer until no lumps remain. After preparing the mortar, let it rest for 5 minutes, then mix for another 1-2 minutes before use.

3 Application

Fill CB 817 Flex is applied to the joints with a rubber trowel. To ensure the gaps are thoroughly filled, it should be applied first parallel and then crosswise. Depending on the ambient temperature, after 15-20 minutes, clean the surface mortar with a damp sponge. Once the mortar has dried, clean and polish it with a dry cloth.

4 Precautions:

- Precautions:
- Mortar that is ready for use cannot be softened and reused by adding water again
- No additives should be added
- Do not apply at temperatures below +5°C
- For outdoor applications, protect from frost, direct sunlight, wind, and rain
- The prepared material should be used within 30-45 minutes at the latest
- Avoid thick applications, as preparing the material to a slurry consistency can cause cracking, settling, and shedding
- The remaining dry material bag should be tightly closed and stored. All used materials should be washed with water after application

5 Packaging

20 kg PE-reinforced kraft bags

6 Storage life

At least 12 months in a closed package and protected from frost





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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	~ 1.90 kg/l
Application Temperature	(+5°C) - (+35°C)
Working Time	Max. 60 minutes
Flexural Strength	≥ 3.5 N/mm² (28 days)
Compressive Strength	≥ 20 N/mm² (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 an unopened package and stored in a dry environment
Packaging	20 kg PE-reinforced kraft bag