EN

Fill CB 817

Construction Chemicals > Joint Fillers > Cement-Based

Fill CB 817 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
- 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.
- Complies with CG1 class.

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 Surface Preparation:

Approximately 6-7 liters of water should be added to a container. Then, 20 kg of Fill CB 817 should be gradually added and mixed with a low-speed mixer until no lumps remain. The prepared mixture should be allowed to rest for 5 minutes and then mixed for an additional 1-2 minutes before use

3 Application

Fill CB 817 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 Consumption Rates

At 2 coats, the consumption rate is 1.5-2.0 kg/m^2

5 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 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

6 Packaging

20 kg PE-reinforced kraft bags.

7 Storage life

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







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Structure of the Material	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	≥ 2.5 N/mm² (28 days)
Compressive Strength	≥ 15 N/mm² (28 days)
Water Absorption 30 min	≤ 5 g
Water Absorption 240 min	≤ 10 g
Service Temperature	-20°C +80°C
Curing Time	12 hours
Time Before Floor Can Be Used	24 - 36 hours
Shelf Life	12 months in unopened packaging in a dry environment
Packaging	20 kg PE-reinforced kraft bag