

INNO-FIX FOX FUGAMORTAR FX100

Cement Based, High Performance, Flex Joint Filler for Tiles and Ceramics

Description

FOX FUGAMORTAR FX100 is a cement-based, flex joint filler used in the joints of materials such as tiles, ceramics, granite, natural stone and marble, which is not affected by temperature differences, water and vibration.

It meets the requirements of EN 13888-CG2WA.

CG : Cement Based Joint Filler
2 : Enhanced additional features
W : Reduced Water Absorption
A : High Abrasion Resistance

Usage Areas

- Indoor and outdoor, vertical and horizontal applications,
- Hotel, hospital, shopping mall, residence etc.
- In all wet areas,
- In swimming pools and water tanks,
- It is used in all kinds of decorative applications.

Advantages

- Easy to prepare and apply.
- Does not scratch glazed surfaces.
- Suitable for 2-8 mm joint widths.
- Provides excellent adhesion to ceramic edges without cracking.
- Working time is long.
- A smooth surface is obtained.
- Since it has low water absorbency, it is difficult to get dirty and easy to clean.
- Resistant to impacts, vibrations and detergents.
- Resistant to freeze - thaw effect.
- Does not fade, does not change color.

Technical Data

Structure of Material		Mineral dolgular, sentetik katkılar, özel polimerler,
Compressive Strength		> 16 N/mm ²
Flexural Strength		> 4 N/mm ²
Shrinkage Strength		< 2 mm/m
Density		1,80 kg/lt
Water Absorption	30 minutes	< 2 gr
	240 minutes	< 5 gr
Abrasion Strength		< 1000 mm ³
Application Surface Temperature		+5°C / +35°C
Service Temperature		-20°C / +80°C
Aging Time		3-5 minutes
Usage Time		2 hours
Walkability Time		24 hours



The above values are given at +23°C and 50% relative humidity. High temperatures shorten the time, low temperatures increase the time.

Colors

Grey, White, Cream, Champagne, Bahamabeige, Manhattan, Anemone, Caramel, Maglonia, Balibraun, Mittelbraun, Black, Dark Grey, Jasmin, Evergreen, Cotto, Light, Noche, Bitter Brown, Light Cream, Antique Beige



Application Procedure

Surface Preparation

Before starting the grouting application, it should be waited for the adhesive to gain sufficient strength. A waiting period of 48 hours is generally sufficient. The mortar residues in the joints should be cleaned and the joints should be emptied. Joints of highly absorbent materials must be moistened before filling.

Mixing

Clean water as described on the packaging is poured into a clean mixing bowl. The **FOX FUGAMORTAR FX100** bag is opened and the water is slowly added into the water, and mixed for about 4 minutes until it becomes homogeneous with a 400 - 600 speed mixing drill. There should be no lumps in the material. After the material is rested for 30 seconds, it is mixed again for 1 minute and made ready for application. Different water ratios and different mixing methods can cause undesirable color differences.

Mixing Ratios

For 20 kg/1trb **FOX FUGAMORTAR FX100**, approximately 6.40±0.20 lt of water should be used.
For 10 kg/1trb **FOX FUGAMORTAR FX100**, approximately 3.20±0.10 lt of water should be used.
Approximately 320±10 ml of water should be used for 1 kg of **FOX FUGAMORTAR FX100**.

Application

The mixed material is placed in the joints by making diagonal movements with a rubber trowel. In deep joints, the material should be expected to collapse first, and then this process should be repeated. In extremely hot weather and absorbent surfaces, the joint material may suddenly lose its water and cause superficial cracks. Therefore, before application, the joints should be slightly moistened with a wet sponge. When the materials left to dry reach the hardness of resisting finger pressure, the surfaces are finalized with a wet sponge and the remaining material on the ceramic surface is cleaned.

Cleaning of the Tools

Tools and equipment used after the application should be cleaned with water. **FOX FUGAMORTAR FX100** can only be mechanically cleaned from the surface after hardening.

Coverage

Consumption Table for Cement Based Joint Fillers (Depth: 8 mm)

Ceramic sizes / Joint Spacing	2 mm	3 mm	4 mm	5 mm	6 mm	7 mm
10x10	550	800	1100	1350	1600	2100
10x20	400	650	850	1050	1250	1700
15x15	450	650	900	1000	1350	1800
15x20	300	500	650	800	1000	1300
20x20	300	450	600	750	900	1200
20x25	275	400	500	700	800	1100
20x30	250	375	500	600	750	1000
30x30	200	300	400	500	600	800

Consumption amounts are theoretical. Indicates the powder product consumption. Values are given in gr/m².

Watch Points

- Using different amounts of mixing water during the application causes a change in joint colors. For this reason, applications should be made without changing the amount of water. Excessive use of water will weaken the material, which may lead to powdery spills and cracks. Sawdust should not be used in surface cleaning.

Package

20 kg polyethylene reinforced kraft bag / gray, white and other colors

5 kg polyethylene reinforced kraft bag / other colors.

Shelf Life

Shelf life is 12 months from the date of production when properly stored at room temperature, away from direct sunlight between +5°C and +30°C. Opened packages should be closed and consumed within 1 week.



Storage

It should be stored in its unopened original package, in a cool and dry environment, protected from frost. In short-term storage, maximum 3 pallets should be placed on top of each other and the shipment should be made with a first-in, first-out system. In long-term storage, pallets should not be placed on top of each other.

Safety Precautions

It is dangerous to approach storage and application areas with fire. Storage and application areas should be ventilated. During the application, work clothes, protective gloves, glasses and masks in accordance with the occupational and worker health rules should be used. During storage and application, it should not be contacted with the skin and eyes, in case of contact, it should be washed with plenty of soap and water. If swallowed, a doctor should be consulted immediately. Food and beverage materials should not be brought into the application areas. It should be stored out of the reach of children. For detailed information, the Material Safety Data Sheet should be consulted.

Disclaimer

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