



Features

FF CrackFill NS is a cementitious crack filling compound specially designed to be shrink resistant, fast setting and easy to apply. Only water to be added to make a viscous paste and apply. It can be used for cracks on all interior and exterior absorbent surfaces, cracks and gaps caused by drying and shrinkage.

Key features include:



Lower Dimensional Shrinkage
Fewer cracks in concrete



Slight Flexibility in Material
Less cracks | Large panel sizes



Low Requirement of Curing
Less supervision required at site



High Strength
High durability | Low maintenance cost



High Workability
Fast completion of project



High Bonding
Better adhesion



Extensively Tested at Factory
Quality assured



Peace of Mind
More value for money

Application

- Repair of superficial as well as structural cracks
- Repair of ceiling and wall plaster cracks
- Cracks at junctions of wall & column or beam soffit

Appearance

Available in grey and white colours as cementitious powder.

Specifications

Max. Aggregate Size	Bulk Density
1 mm	~1525 kg/m ³
Wet Density	Output/Coverage
~1900 kg/m ³	~1.9 kg /mm/m ²
Work Time	
Minimum 30 minutes. Will be less when temperature exceeds 28 °C or humidity less than 50%	

Application Thickness

1 mm to 10 mm wide cracks.

Base Surface Preparation

Any water proofing if required should be completed first. Any continuous source of water will leave the finish looking imperfect. The base must be consistent, without loose particles and disaggregation. Use suitable FreeForm Primer if required.

Due opening (minimum 6 mm wide), cleaning and priming of cracks will be required before use of the FF CrackFill. All paints, grease or loose materials must be thoroughly removed with vacuum if needed.

The crack may be lightly wetted prior to application of the FF CrackFill paste.

Application/Installation Method

Very small mixes may be hand mixed, but for mixes over 10 kg, a suitable mechanical hand stirrer type of mixer should be used.

When filling the paste into the cracks, the surface must be finished almost level or slightly below the level of the adjacent surface- but never over, as this compound cures to become very hard and can be difficult to remove.

Please refer to separate sheet for guidance on application method.

Curing

Start curing after the material has sufficiently hardened for two days and then allow it to dry out slowly (i.e. protect from rapid drying due to wind, sun or excessive heat).

Packing

25 kg bag

Shelf Life

3 months from date of packing before opening. Use within few hours of opening. Store carefully away from dampness and moisture. Material may be suitable for use after indicated life if lumping and aggregation has not happened. Suitability should be checked.

Precautions

Should be stored away from water. Use materials from different packs to reduce chance of any shade variation. Keep WC ratio and Curing conditions consistent to reduce chances of shade variation.

Green Certification



This product is GreenPro Certificated and qualifies as Green Product by CII- Green products and services council

Technical Support

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Disclaimer

Any recommendations for application techniques are based on experiences. It is advisable to adapt processing techniques and material quantities to the given local conditions and we refer in this context to our general terms of sale and delivery. Hairline crack formation or deformation by shrinkage on principle cannot be excluded with the offered system and thus are not considered as technical defect. Test areas are strongly recommended before usage/execution in larger areas.

Health Precautions

This product contains cement and has an alkaline reaction with moisture/water. Adequately protect hands and eyes. In case of contact with eyes consult doctor immediately.

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