



CEM-FILL Crack Fill

CRACK FILLING AGENT FOR CEMENT CONCRETE ROADS

Description

CEM-FILL Crack Fill is cement based powder material for filling cracks in cement concrete roads. It consists of cement, finely graded aggregates and sand. It is a ready to use powder which is mixed with CEM-BIND Polymer Binder in a ratio of 4 parts of powder to 1 part of binder on site for application. CEM-FILL Crack Fill provides a highly durable solution to fill cracks on cement concrete roads, foundations and slabs etc.

Areas of Application

- To fill the cracks in horizontal and vertical surfaces
- To level the undulations of the cracked portion of the road
- To smoothen the surface of the cement concrete road

Features & Benefits

- It provides a seamless surface on the road.
- It acts as a high strength filler material.
- It has a good abrasion resistance.
- It has a good compressive strength.

Method of Application

1 Surface Preparation

- Remove the dust and all the loose particles from the cracked portion.
- Clean the surface from grease, oil or bitumen.
- The edges of the cracked portion should be sound.
- Roughen the surface to give a good bond.

2 Mixing

- Add 3 to 4 parts of powder to 1 part of polymer. Mix with a trowel or slow speed drills (50 - 100 rpm) until a lump free, homogeneous paste is obtained.
- Always mix the required quantity, which can be consumed within 60 minutes pot life.
- Hand mixing is recommended for small quantities only.

3 Application

- Fill the paste into the crack by using a spatula or a knife blade. Fill the excess material into crack and level it by using a knife blade and press it against the crack so that the air voids get filled.
- The smooth paste should then be applied with a painter blade on the surface of the desired thickness.

Technical Information

S.No.	Properties	Results
1	Appearance	Natural Grey Powder
2	Mix ratio	4:1 (CEM-FILL: CEM-BIND)
3	Open time	Approx. 15 minutes at 30°C
4	Pot life	60 Minutes at 30°C
5	Trafficable time	24 hours (max.)



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S.No.	Test	Results	Test Method
1	Bulk Density, g/cc	1.52	IS:33-1992
2	Compressive Strength 28 Days (Mpa)	40.00	ASTM C 109-2013
3	Abrasion Resistance (%)	1.95	IS:9284-1979
4	Mohr's Hardness	3.00	ASTM C 779

*# The Values obtained are from our laboratory testing conditions. Tests conducted on site conditions may show slight variation due to methods of testing/application. **

Precautions & Limitations

- It cannot be used for cracks more than 5mm wide.
- It cannot be used for cracks more than 15 mm deep.

Coverage

18-20 Running meters.

Packaging

30 Kg Bag and 6 litres Polymer.

Shelf Life

12 months from date of manufacturing.

Storage

Store in a cool & dry place in an unopened condition.

Health & Safety Precautions

- CEM-FILL Crack Fill contains Portland cement and are therefore alkaline in nature when it comes in contact with water.
- Prolonged contact with the skin should be avoided.
- Any eye contamination should be washed immediately with plenty of clean water and medical advice sought.
- CEM-FILL is not flammable.

Other Product available

Tile Fix Mortar | Tile Grouts | Block Joining Mortar | Readymix Plaster | Ruff Tuff Textures | Industrial Grade Hardener | Decorative Colour Hardener | Neutral & Colour release | Sealers | Epoxy Resins | Concrete Admixtures | Paints & Allied Products



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Disclaimer: The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to