

CIKO Crack Filler

Cement based high performance crack filler

Description

CIKO Crack Filler is a polymer modified cement based blow holes and cracks filling material. It is ideal for filling and sealing static cracks and blowholes in concrete and masonry. It provides excellent adhesion to cement substrates and act as a monolithic part of the element.

CIKO Crack Filler is a balanced blend of cement as binder, graded silica sand, cement replacements, rheology modifier and other chemical additives.

Properties

- Single component cement based system.
- Provides excellent adhesion to substrates.
- Permanent crack filler for static cracks.
- Ensures good bonding and flexural strength.

Application area

- For repairing static cracks in concrete or mortar having crack size between 0.5mm and 8.0mm.
- Suitable for vertical and overhead applications.
- Interior and exterior applications.
- Levelling un-even surface.

Applicable standards

- Complies with Qatar Construction Specifications QCS.

Physical properties

Form	Powder
Colour	White/grey
Finish	Smooth
w/p ratio	0.26
Pot life @ 25 °C	30 minutes
Surface dry	3-4 hours

Coverage

10kg bag of CIKO Crack Filler mixed with 2.6 litres of water, yields to 5.8 litres.

Application instructions

Surface preparation

The cracks must be cleaned to remove contamination, paints, loose material and algae. Oil and grease spillages, if any, must be treated by steam cleaning or detergent washing. The surface can be cleaned by high pressure water jetting or abrasive blasting.

Mixing

CIKO Crack Filler is a ready to use material and requires only addition of 2.5 to 2.75 litres water for mixing each 10kg pack. Dispense CIKO Crack Filler slowly into the mixing vessel containing gauged water and start mixing using a heavy duty slow speed drill-paddle assembly. Mix the mortar for 5 minutes to get a homogenous and lump free mix. Part mixing can be done by hand for required quantities.

Note: In hot weather application, use chilled water to extend the open time of the mixed material.

Application method

Properly cleaned cracks shall be filled with CIKO Crack Filler using spatula or putty knife. Excess material must be removed immediately after filling cracks or blow holes.

Packaging

CIKO Crack Filler is available in 10 kg bags.

Shelf life

CIKO Crack Filler has a shelf life of 12 months if stored in accordance with CIKO instructions.

Storage

CIKO Crack Filler should be stored under cool enclosed shaded area.

Precautions

CIKO Crack Filler should not be applied at ambient temperatures below 5 °C.

Health & safety

CIKO Crack Filler should not come in contact with eyes or be swallowed. Ensure adequate ventilation and avoid inhalation of dust. Applicator should wear appropriate clothes, gloves and goggles. Use of barrier cream is recommended to provide additional skin protection. If comes in contact with eyes flush with plenty of fresh water and seek medical advice.

Refer Material Safety Data Sheet for further details.

Technical Support

For any technical support, do not hesitate to contact CIKO team at any time as CIKO offers on and off site services to end users, specifier and contractors.

More from CIKO Middle East

A wide range of construction chemical products are manufactured by CIKO Middle East which includes:

- *Concrete admixtures and additives*
- *Waterproofing and damp proof coatings*
- *Surface treatments*
- *Flooring and toppings*
- *Grouts and anchors*
- *Tile adhesives and grout*
- *Concrete repair materials*
- *Adhesives and bonding agent*
- *Protective coating*
- *Joint Sealants and Moulding compounds*
- *Ancillaries*

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Note: The information presented herein based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control



ص. ب رقم : ٢٩٥ ، الدوحة - قطر
ت : (+974) 4411 4787 / 4411 4790 / 4411 4794
فاكس : (+974) 4411 4792

P.O.Box : 295, Doha, Qatar
T.: (+974) 4411 4787 / 4411 4790 / 4411 4794
F.: (+974) 44114792
E-mail: enquiries@cikome.com