



# MC-Crackfill

## Ready to Use Fine Repair Mortar And Crack-filler For External As Well As Internal Surfaces

### Product Properties

- Non-shrink in nature
- Ready to use premixed polymer repair mortar

### Areas of Application

- Suitable for filling cracks, holes and cavities in brick masonry, concrete and plaster
- Also suitable for general crack repairs in external surfaces
- Additionally **MC-Crackfill** can also be used as protective coat to concrete

### Application Notes

#### General

**MC-Crackfill** is a premixed, polymer containing fine repair mortar for external cracks. It is ideal for filling of cracks, holes, gaps and cavities present in brick masonry, concrete and plastered surfaces. **MC-Crackfill** is non-shrink in nature.

Cracks occur in the concrete despite good quality control. Cracks are one of the signs that give the indication of damaged or distressed structure. However, it is fortunate that not all cracks are a sign of structural failure. The cracks have to be repaired for two reasons viz., for structural purpose and for durability purpose.

**MC-Crackfill** is suitable for non-moving internal cracks to be sealed for durability and aesthetic purpose. **MC-Crackfill** can also be used externally, provided it is sealed over with waterproof oil paint or varnish. For exposed external cracks use **Nafuquick**.

Internal cracks cannot be filled with neat cement paste because of the inherent property of the cement to shrink and crack upon drying. **MC-Crackfill** is an ideally suited material, which finds its application for non moving internal cracks and possesses non-shrink property and can be easily applied due to its simple ready to use applications.

#### Instructions for Use

##### Surface Preparation

Surface to be treated must be scraped and cleaned with a stiff brush. All loose materials and organic growths must be removed. Surface should be free from oil, dust, grease, and other remnants or contaminations. It is advisable to rake the joint before filling with **MC-Crackfill**.

Any loose material in crack or nearby areas should be removed and thoroughly cleaned. Dust or loose material remnants should be blown off using compressive air or with help of brushes. The crack should be pre-wetted to ensure the optimum adhesion.

##### Mixing and Application

**MC-Crackfill** can be poured on non-absorbent boards and water should be added to formulate a stiff paste. A typical application is depicted in the diagram below which is self explanatory.

**MC-Crackfill** should be pressed well in and fill slightly above surrounding surfaces within 10 to 30 minutes after preparation.

Upon drying, sandpaper the surface to achieve overall smooth, even surfaces. Water should not be added to hardened paste. Higher temperatures accelerate the hardening and lower temperature delays it. The application can be carried out by trowels, planners and putty knives, etc.



### Further Instructions / Precautions

Filling Raked Cracks with MC-Crackfill



MC-Crackfill Application



### Technical Data For MC-Crackfill

Characteristic	Unit	Value	Comments
Density	g / cm <sup>3</sup>	≈1.65	
Mixing ratio			As per requirements
Pot life	Minutes	30	
Minimum application temperature	°C	8-10	

### Product Characteristics for MC-Crackfill

<b>Type of Product</b>	Ready to use fine repair mortar for external and internal cracks
<b>Form</b>	Powder
<b>Colour</b>	Greyish
<b>Shelf Life</b>	6 Months from date of Manufacture
<b>Delivery</b>	30 kg sacks and 2 kg pouch
<b>Storage</b>	In Unopened Packaging. Protect from Rain, Direct Sunlight, Heat and Frost
<b>Disposal</b>	Empty packs completely and dispose off carefully to protect our Environment

**Note:** The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees, which may differ from the data contained in our information sheets, are only binding if given in written form. The accepted engineering rules must be observed at all times. E. & O.E.

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