



## UCOCRACK-FILL

CR-156

### Polymeric, Interior & Exterior Crack Filler

#### Product

UCOCRACK-FILL is a specially designed and tested thixotropic mortar for filling and repairing cracks and fissures in both interior and exterior applications.

#### Composition

UCOCRACK-FILL is a thixotropic Portland Cement Mortar reinforced with synthetic resins. Supplied in powder forms and requiring just the addition of water.

#### Description

UCOCRACK-FILL may be applied to vertical or overhead surfaces and once dry provide a smooth strong water proof surface. UCOCRACK-FILL is easy to use and requires only onsite addition of water. UCOCRACK-FILL is made as per BS 5385 Part-I Appendix-A. ASTM C387:77a Type 1.1.3

#### Technical Data

Form .....Powder  
Colour .....Grey/White  
Density ..... 1.8 kg/Litre  
Pot Life .....30 mins at 27°C

#### Advantages

- Durable, Suitable for all types of structures
- Waterproof
- Excellent adhesion
- Can be used for vertical and overhead repairs
- Trowel to smooth finish
- Pre-mixed, requires only the on-site addition of water
- Easy to use
- Economical
- Non-toxic, Non-flammable, Chloride-free

#### Purpose

UCOCRACK-FILL provides permanent repairs to spalls, cracks, fissures and holes.

#### Where to use

- Asbestos/Cement
- Masonry & Brick works, Plaster rendering
- Concrete
- Tiles
- Ceramics/ Metals

#### Method of use

##### 1. Surface Preparation

Surface to which is to be applied should be clean, i.e. free from all dust, dirt and loose material. Friable surface should first abraded with the wired bristled brush. Grease, oil, etc. should be removed.

Make "V" shape groove in cracks. Correct preparation can be achieved by power wire brushing bush or needle Hammering or high pressure water jetting.

## 2. Mixing

Should be mixed with cleaned water at the rate of 3.5 to 4 parts of powder to 1 part of water. 30 to 40 seconds should be allowed to elapse before using. The paste to enable it to thicken. For absorbent surfaces or larger holes, i.e., above 75 mm (3 inch) in diameter, a stiffer paste should be mixed. Once mixed, the paste should be used within one hour. Extra water should not be added.

## 3. Application

The prepared surface should be dampened slightly with clean water. Apply a UCOCRACK-FILL by putty knife or Trowel. Pack the paste tightly into the cavity, hole or fissures, assuring that all air is excluded.

Note: Intermittent stirring of the mixed paste is recommended. The final surface should be smooth over while the UCOCRACK-FILL is still "tacky" UCOCRACK-FILL may be sanded down after use and may be over painted with oil based emulsion and cement based paints.

## 4. Drying Time

UCOCRACK-FILL will take between 1.5 hour to 3 hours to harden depending upon the relative humidity and temperatures.

### Coverage

1.4 m/Kg to fill 6 x 6 mm V Shape grave and/or 2.3 sq.ft/Kg for 3 mm thick render

### Packing

1, 2, 5 and 25 KG

### Storage

- UCOCRACK-FILL has a shelf life of 12 months from the date of manufacturing, if stored as per manufacturer's instructions & in manufacturer's original unopened packing.
- Keep away from direct sunlight and store in dry & shade.
- Protect from freezing and moisture.

### Handling Precaution

- UCOCRACK-FILL is an industrial chemical; required handling precautions should be followed.
- UCOCRACK-FILL is non-flammable and doesn't contain any flammable ingredient.
- UCOCRACK-FILL is non-hazardous; however, inhalation of its dust particles should be avoided. Use of facemask is recommended.
- Prolonged contact with skin should be avoided. Use rubber gloves and boots, when working overhead, goggles should be worn.
- Contact with eye should be avoided. If in contact with eye, wash with water and take medical advice immediately.

### Important Note:

All products should be used in accordance with manufacturer's instructions. Every effort is made to ensure that the information is reliable, however we do not accept any responsibility for any work carried out with our material(s) as we have no control over the method(s) used for application, site conditions, weather conditions, etc.

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**INNOVATIVE  
MARKETING**

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