

# Renderoc CF

Single part, non shrink, cementitious, crack filler for plaster, masonry and concrete

## Uses

Renderoc CF is used for filling cracks on plaster, masonry and concrete substrates.

## Advantages

- **Single component** - Easy to use
- **Versatile** - Can be used for cracks in exposed conditions on plaster, masonry or concrete upto 20mm width
- **Non sagging** - Can be used for horizontal, vertical and overhead applications
- **Good adhesion** - Effective bonding with substrate
- **Non Shrink** - Shrinkage cracking eliminated
- **Hydrophobic** - enhanced waterproofing property

## Description

Renderoc CF is a crack sealing/filling cementitious material in powder form. It is easy to apply and can be finished or smoothened off with a putty blade or a damp sponge. It sets quickly on application and can be over coated with common paints / coatings.

## Properties

Colour	White / grey
Pot life	30 min
Compressive strength (ASTMC109)	18 N/mm <sup>2</sup> in 7days and 20 N/mm <sup>2</sup> in 28 days
Fresh wet density	1.95 g/cc
W/p Ratio	0.23 by weight
Mix proportions by volume	1 part water: 3 parts of powder
Minimum application temperature	10°C

## Application instructions

### Surface Preparation

The cracks to be sealed shall be saw cut or chiselled to form a 'V' groove of approximately of 6mm x 6mm. The grooves shall be cleaned to remove all the loose particles, dust, etc.

The groove shall be sprinkled with clean water before applying the sealing mortar.

### Mixing

Renderoc CF shall be mixed with water adopting w/p ratio 0.23 by weight or a mix porportion of 1 part of water to 3.0 parts of Renderoc CF, by volume. Thorough mixing shall be carried out till a smooth, homogenous paste is obtained.

### Application

The mixed paste is filled into the groove by gloved hand and the surface finished using a trowel. This is continued till the full length of crack is sealed.

### Curing

Curing is necessary only when groove size exceeds 6mm width or in areas exposed to UV.

### Cleaning

Tools may be cleaned with clean water as Renderoc CF is a cement based product

### Limitations

Renderoc CF crack sealer/filler cannot be used for moving cracks and for crack width greater than 20mm

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## Estimating

### Packaging

Renderoc CF is supplied in 1, 5 & 25 kg packs.

### Coverage

About 30 RM for a V groove crack of 6mm x 6mm for 1 kg. pack. The actual coverage may vary depending on the substrate conditions

### Storage

#### Shelf life

Renderoc CF has a shelf life of 12 months in original unopened packs if stored in unopened conditions below 35°C

## Precautions

### Health & Safety instructions

Renderoc CF has no health hazards in normal use. Gloves shall be worn while mixing and during application. Splashes of material to the eyes shall be washed off with clean water. In the event of prolonged irritation, medical advice shall be sought.

## Fire

Renderoc CF is non flammable.

## Additional information

Fosroc manufactures a wide range of products specifically designed for the repair and refurbishment of damaged reinforced concrete. These include hand placed and trowellable repair mortars, fluid micro concretes, chemical resistant epoxy mortars and a comprehensive package of protective coatings. In addition, a wide range of complimentary products are available. These include admixtures, joint sealants, waterproofing membranes, grouting, anchoring, and specialised flooring materials.

Separate datasheets are available on these products



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