

# Dr. Fixit UniRepair FC



## POLYMER MODIFIED CEMENTITIOUS FAIRING COAT

### Description

Dr. Fixit UniRepair FC is for thin section application over pinholes, minor surface irregularities and honeycombing concrete and masonry surfaces. It is suitable for application in the range 0 to 3 mm.

### Typical Applications

- Filling of pinholes and honeycomb prior to over-coating.
- Repair and re-profiling of concrete structures.

### Features

- Self-priming.
- No need for curing.
- High bond strength.
- Can be used on vertical and overhead applications.
- Can be used to render large areas, from a feather edge up to 3 mm thickness.

### Packaging

20 kg bags

### Method of Application

#### 1 SURFACE PREPARATION

- All surfaces must be clean and sound. Remove all surface laitance by wire brushing or grinding and remove any dust or debris.
- All surfaces should be thoroughly wetted 6-24 hours before starting and be in a moist condition during placing. Any free surface water must be removed before application.

#### 2 MIXING

- When mixing manually add 3 parts of Dr. Fixit UniRepair FC powder to one part potable water and mix until fully homogenous.
- For large volumes, place 6 -7 litres of cool, potable water into the mixer and add one full 20 kg bag of Dr. Fixit UniRepair FC and mix continuously for 3 - 5 minutes until fully homogenous.

#### 3 APPLICATION

- Apply to the prepared substrate at up to 3 mm thick using a steel trowel and allow to partly set before final troweling to obtain a smooth finish. Note; If a very smooth finish is required, spray a small amount of water on to the wet surface of the Dr. Fixit UniRepair FC with a spray mister or brush prior to final troweling.

#### 4 FINISHING

- Damp sponges or plastic floats may be used to achieve a surface texture, but care should be taken not to overwork the surface.

#### 5 CURING

- Curing is not generally required. However, under extreme conditions protect from high temperatures and drying winds.

#### Note:

- The product should not be exposed to water (including rainfall) during application or prior to initial set.
- If applied at temperatures above 45°C, store unmixed materials and mixing and application equipment in a cool temperature controlled environment, avoiding exposure to direct sunlight and application during the hottest times of the day.
- Dr. Fixit UniRepair FC may be over coated with after 72 hours, depending on ambient conditions.

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### Technical Information

PROPERTIES	SPECIFICATION	RESULTS
Compressive Strength 28 days		15 N/mm <sup>2</sup> min.
Flexural Strength 28 days		5 N/mm <sup>2</sup> min.
Water Absorption 28 days		0.5%

### Theoretical Coverage

1.3 kg/mm/sq.mt

### Storage

When stored in dry conditions in original unopened packaging this product has a shelf life of 12 months. Storage above 35°C and high humidity (above 50%) will reduce shelf life and product performance.

### Health and Safety

This products contains cement. And contact with skin may cause irritation. It should not be inhaled, and a properly designed and maintained face mask should be used whilst handling, pouring and mixing the powder. Avoid contact with the product by working carefully, using a barrier cream and wearing protective gloves. If any contact does occur, wash thoroughly with soap and water. Use eye protection. Avoid contact with eyes, if such contact occurs irrigate with water for 20 minutes and seek medical advice. If mistakenly ingested, drink plenty of clean water and seek medical advice. See MSDS for further information.

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