

# Dr. Fixit UniCoat RC 2000



## PRE-MIXED RUSH COAT

### Description

Dr. Fixit UniCoat RC 2000 is a pre-mix rush coat for use on smooth concrete surfaces like walls, beams & columns to provide a textured finish to act as a key coat for subsequent plaster application. Dr. Fixit UniCoat RC 2000 is compatible for application to concrete modified with GGBS or Microsilica. It is mixed with potable water for manual and spray applications. It is also suitable for AAC blockwork where specified for sitemix plaster.

### Typical Applications

- Concrete beams, columns, ceilings, walls etc.

### Features

- Pre-blended; requires only the addition of water on site for manual or spray applications.
- Applied at between 2-5 mm.
- Suitable for internal and external applications.

### Packaging

50 kg bags

### Method of Application

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#### 1 SURFACE PREPARATION

- The substrate must be sound, free from dust and cement laitance, curing compounds, oil, grease, salts and all other contaminants.
- All structural movement joints in the substrate must be followed through to the finish material.
- Concrete must be 28 days old prior to the application of plaster.
- Joints must be formed at the junction of different substrate materials such as concrete blocks and steel reinforced concrete, or suitable metal or fiberglass reinforcement installed as per our detailed method statement.
- The substrate must be saturated with water to prevent it absorbing water from the rush coat.

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#### 2 MIXING

- For manual applications mix 50 kg of Dr. Fixit UniCoat RC 2000 powder with 10 litres of potable water in a suitable container using a slow speed electric mixer and mix for 3-5 minutes.
- When using a pump spray machine the water is adjusted with the flow meter.

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#### 3 APPLICATION

- If applying manually, use a spray hopper or Tyrolean gun to create a heavily textured surface. For larger areas use a spray machine.

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#### 4 CURING

- As soon as the applied material has reached its initial set cure with water 4-5 times per day for 72 hours.

Note:

- Dr. Fixit UniCoat RC 2000 application onto an over-wet or dry surface may cause debonding.
- Only mix the quantity of material which can be used within an hour.
- Protect applied material from early drying through sun or wind action using shading or sheeting.

### Technical Information

PROPERTIES	SPECIFICATION	RESULTS
Mixing Ratio		UniCoat 2000 should be mixed with 10 litres of potable water per 50 kg bag
Compressive Strength, At 28 days N/mm <sup>2</sup>	BS6319-2	≥ 15 N/mm <sup>2</sup>
Flexural Strength At 28 days N/mm <sup>2</sup>	BS 6319-3	≥ 2.5 N/mm <sup>2</sup>
VOC content	USEPA	g/L < 0.1

Note: Test results are based on laboratory conditions and actual site results will depend on quality of application and curing regime.

#### Theoretical Coverage

20 m<sup>2</sup> / 50 kg bag @ 2 mm (approximate dependent on texture achieved).

#### 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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