

# Technical Data Sheet

## ROCKCOTE QUICK RENDER FIBRE REINFORCED

<b>Effective From</b>	15 Nov, 2017
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ROCKCOTE Quick Render Fibre Reinforced (QRender FR) is a fibre reinforced render, designed for high strength, crack resistance and low shrinkage. It is a pre-blended cement render manufactured to exacting specifications composed of high quality washed and graded sand, high early strength off-white Portland cement and proprietary additives conforming to Australian Standard 3972. Properly cured ROCKCOTE Quick Render FR exhibits minimal drying shrinkage and is a reliable surface for over-coating with acrylic textures and paints. This product meets the requirements of the professional tradesperson and the demands of modern construction materials and methods.

### Features

- Easy to use.
- Excellent adhesion to properly prepared substrates.
- Polymer modified.
- Fibre reinforced.
- Low shrinkage.
- Specially designed for AAC.

### Benefits

- Tough.
- Crack resistant.
- High strength.
- Economical.
- Long term exterior protection.
- Water repellent.
- Can be painted after 48 hours (site mix sand and cement must be cured for 28 days prior to coating).
- Saves time and money.
- Can reduce scaffold costs, when used instead of site mix sand and cement render.

### Uses

- ROCKCOTE Quick Render FR is suitable for application over properly prepared substrates such as brick, block, concrete, AAC blocks and panels, tilt up and as a base coat for core filled fibre cement substrates.
- Can be used interior and exterior.
- ROCKCOTE Quick Render FR is ideal to use as a base coat for ROCKCOTE acrylic Coloured Renders, roll on textures and membrane paints and coatings.
- ROCKCOTE Quick Render FR should be overcoated within 28 days after application.

### Colours and Gloss

#### Sheen Level

#### Coverage Rate

3m<sup>2</sup>/20kg @ 4mm build

#### Application Method

Trowel or Spray

#### Dry Film Build

2-10mm

#### Wet Film Build

Optimum results are normally achieved by applying at 2 -10mm thick per coat. ROCKCOTE Quick Render FR should not be applied in a single coat greater than 10mm thick. If total thickness of coating system is to exceed 10mm, and is to be less than 30mm, use ROCKCOTE PM100 High Build as a base coat prior to the application of ROCKCOTE Quick Render FR. For coating systems greater than 30mm, contact ROCKCOTE Technical Department.

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### Typical Data at 25°C and 50% Relative Humidity

**Drying Time** 8 hours

**Touch Dry**

**Curing Time** 48 hours

Dries in approximately 8 hours under normal drying conditions. (Dry times vary with changes in temperature and humidity and residual moisture in the substrate). Once initial dry set has occurred, rewet 2 to 3 times a day with clean water for 2 days.

This is especially important during hot and/or windy weather.

**Usual No Coats**

Suitable for 1 coat application depending on substrate and method of application.

**Clean Up**

Clean with water immediately after use if render has not cured. Remove any unwanted material or spatter from surfaces with water as soon as possible and preferably before dry. Recently dried render may be more easily removed with warm water and detergent.

**Packaging Sizes**

20Kgs

**Abrasion Resistance**

Excellent

**Water Resistance**

**Pot Life**

### **Substrate Conditions**

- ROCKCOTE Quick Render FR must be applied over properly prepared substrates that are free of dirt, dust, grime and any other contaminants
- Do not apply ROCKCOTE Quick Render FR if air and surface temperatures are below 5°C or above 35°C
- In hot and windy conditions, all brick and masonry substrates must be wet down prior to the application of ROCKCOTE Quick Render FR. Application should proceed when the wet "shine" has disappeared.
- For dense, smooth and difficult substrates ROCKCOTE Keycote must be applied prior to ROCKCOTE Quick Render FR application to provide optimum adhesion.
- When applying over AAC, seal first with one coat of ROCKCOTE Acrybond mixed with 2 parts of water to control suction and improve on wall finishing time.

### **Application**

- For traditional hawk and trowel hand application, mix 20 kg of ROCKCOTE Quick Render FR to 4.5-5 litres of cool clean water for a minimum of 3 minutes, let stand for a further 3 minutes and re-mix and adjust to desired consistency.
- ROCKCOTE Quick Render FR should not be applied in a single coat greater than 10mm.
- ROCKCOTE Quick Render FR can be sprayed on with a suitable machine such as Mortatec Worker or Mortarman, provided that thickness is not less than 2mm.
- ROCKCOTE Quick Render FR can be shaved flat, floated and sponged or just shaved if applying a ROCKCOTE Coloured Render system.
- All windows and doors should be masked up to avoid damage and for ease of cleaning.
- Keep the finished ROCKCOTE Quick Render FR sheltered from rain and moisture for 24 hours after completion dependent on climatic conditions.

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### Precautions and Limitations

- ROCKCOTE Quick Render FR should not be applied in temperatures below 5°C or above 35°C.
- ROCKCOTE Quick Render FR is not suitable for application in swimming pools.
- Cannot be applied over 10mm thick per coat.

### Transport and Storage

- ROCKCOTE Quick Render FR must be kept dry during transportation and storage.
- When working with ROCKCOTE Quick Render FR, observe the usual precautions for handling cement based products.
- Avoid inhalation of the powder, prolonged skin contact and particularly eye contact.
- If contact occurs, flush thoroughly with clean water.
- Wear protective clothing to minimise skin contact and wear goggles where spatter is likely.
- Where spills occur, sweep up dry material or soak up liquid spillage with sand/sawdust and remove to suitable disposal.

### Disposal

- Dispose of in accordance with local council regulations

### Safety Data

Refer ROCKCOTE Quick Render Fibre Reinforced SDS.

### Disclaimer

ROCKCOTE Enterprises Pty Ltd will not accept responsibility for any misuse of this product or if not applied by a skilled and experienced applicator and in accordance with our technical specifications. Due to our policy of continuing product improvement, ROCKCOTE Enterprises Pty Ltd reserves the right to change these specifications without further notice. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.