

# Technical Data Sheet

## ROCKCOTE QUICK RENDER HIGH STRENGTH

<b>Effective From</b>	23 Jun, 2020
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ROCKCOTE Quick Render High Strength is a pre-blended high polymer cement render manufactured to exacting specifications composed of high quality washed and graded sand, high early strength Off White cement and proprietary polymer additives conforming to Australian Standard 3972. Properly cured ROCKCOTE Quick Render High Strength exhibits minimal drying shrinkage and is a reliable surface for over-coating with acrylic textures and paints. This product has been optimised for high early strength at lower coating thicknesses and meets the requirements of the professional tradesperson and the demands of modern construction materials.

### Features

- Easy to use.
- Optimised for high early strength.
- Excellent adhesion to properly prepared substrates.
- ROCKCOTE Acrybond not required, just add water.

### Benefits

- Tough.
- Long term exterior protection.
- High strength at lower coating thicknesses (from 2mm).
- Can be painted after 48 hours (site mix sand and cement must be cured for 28 days prior to coating).
- Can reduce scaffold costs, when used instead of site mix sand and cement render.

### Uses

- ROCKCOTE Quick Render High Strength is suitable for application over suitable, dimensionally stable, properly prepared substrates including brick, block, concrete, AAC blocks and panels, off-form concrete, and tilt-up panels.
- Can be used interior and exterior.
- ROCKCOTE Quick Render High Strength is ideal to use as a base coat for ROCKCOTE acrylic Coloured Renders and roll on textures.
- ROCKCOTE Quick Render High Strength must be overcoated within 28 days of application.

### Colours and Gloss

#### Sheen Level

#### Coverage Rate

5.8m<sup>2</sup>/20kg @ 2mm build

1.9m<sup>2</sup>/20kg @ 6mm build

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.

#### Application Method

Trowel or Spray

#### Dry Film Build

4-8mm

#### Wet Film Build

Optimum results are normally achieved by applying at 4 - 8mm thick per coat. ROCKCOTE Quick Render High Strength should not be applied in a single coat greater than 8mm thick. If total thickness of coating system is to exceed 8mm, and is to be less than 30mm, use ROCKCOTE Quick Render PM100 High Build as a base coat prior to the application of ROCKCOTE Quick Render High Strength.

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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).

**Usual No Coats** Suitable for 1 - 2 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 High Strength must be applied over properly prepared substrates that are free of dirt, dust, grime and any other contaminants.
- Do not apply ROCKCOTE Quick Render High Strength if air and surface temperatures are below 5°C or above 35°C.
- All brick and masonry substrates must be wet down prior to the application of ROCKCOTE Quick Render PM100. Application should proceed when the wet "shine" has disappeared.
- Difficult substrates such as smooth bricks or blocks and XPS Extruded Polystyrene must be treated with a coat of ROCKCOTE Keycote prior to the application of ROCKCOTE Quick Render High Strength. This coating should be allowed to dry for 48 hours before applying the ROCKCOTE Quick Render High Strength. Please consult ROCKCOTE for further substrate treatment information.
- Over highly porous surfaces such as porous brick, block, concrete and AAC blocks or panel, seal first with one coat of ROCKCOTE Acrybond mixed with an equal part of water to control suction and improve adhesion.

### **Application**

- For traditional hawk and trowel hand application, mix 20kg of ROCKCOTE Quick Render High Strength to 3-3.5L of gauging liquid for a minimum of 2 minutes, let stand for a minimum of 2 minutes and re-mix and adjust to required consistency.
- ROCKCOTE Quick Render High Strength should not be applied in a single coat greater than 8mm.
- ROCKCOTE Quick Render High Strength can be sprayed on with a suitable machine such as Mortatec Worker or Mortarman.
- ROCKCOTE Quick Render High Strength 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 High Strength sheltered from rain & moisture for 24 hours after completion dependent on climatic conditions.

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### Precautions and Limitations

- ROCKCOTE Quick Render High Strength should not be applied in temperatures below 5°C or above 35°C.
- ROCKCOTE Quick Render High Strength is not suitable for application over fibre cement sheeting, and swimming pools.
- Can be applied up to 8mm per coat.

### Transport and Storage

- ROCKCOTE Quick Render High Strength must be kept dry during transportation and storage.
- When working with ROCKCOTE Quick Render High Strength, 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 High Strength 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.