

# Technical Data Sheet

## ROCKCOTE QUICK RENDER PM100 HIGH BUILD

<b>Effective From</b>	15 Sep, 2020
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ROCKCOTE Quick Render PM100 High Build is a pre-blended polymer-modified cement render. ROCKCOTE Quick Render PM100 High Build is simple to mix and easy to apply and finish. PM100 High Build has been formulated to build up and level undulating clay and cement block masonry. Can be built out to 30mm.

### Features

- Easy to use
- Excellent adhesion to properly prepared substrates
- Acrybond not required, just add water
- Manufactured with low density materials
- Environmentally responsible (consists of approx 50% post consumer waste)
- Insulative properties
- Fibre reinforced
- Lighter in weight than standard renders

### Benefits

- Can be built up to 30mm thick
- Water repellent
- Can be overcoated after a minimum of 48 hours (site mix sand and cement must cure for a minimum of 28 days prior to coating).
- Saves time and money
- Can save scaffold costs when used instead of site mix sand and cement render.
- Increased insulation
- Extra crack resistance

### Uses

This product has been formulated and designed to build up and level undulating clay and cement block masonry and expanded polystyrene foam and can be built up to a thickness of between 5mm to 30mm in a single coat. ROCKCOTE Quick Render PM100 High Build is ideal for a levelling base coat before the application of ROCKCOTE Coloured Renders and textures. Suitable for both interior and exterior use, Quick Render PM100 High Build adheres well to standard and difficult masonry substrates such as bricks, concrete blocks, AAC panel, off-form concrete and specified lightweight building substrates, such as core filled fibre cement sheet when properly prepared. Please refer to the ROCKCOTE Systems Guide for all suitable substrates.

### Colours and Gloss

#### Sheen Level

#### Coverage Rate

1.3m<sup>2</sup>/12kg bag @ 10mm build

Approximately 1.3 square metres per 12kg bag @ 10mm build.

#### Application Method

##### Dry Film Build

5-30mm

##### Wet Film Build

Optimum results are normally achieved by applying at 5-30mm thick per coat.

ROCKCOTE Quick Render PM100 High Build should not be applied in a single coat greater than 30mm thick.

If total thickness of coating system is to exceed 30mm, contact ROCKCOTE Technical Department

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

**Drying Time** 48 hours

**Touch Dry**

**Curing Time** 48-72 hours

Dries in approximately 48 hours under normal drying conditions. (Dry times may vary with changes in temperature, humidity and residual moisture in the substrate. PLEASE NOTE THAT A 20 to 30mm THICK COAT NEEDS EXTRA TIME TO CURE & DRY OUT BEFORE TEXTURING CAN COMMENCE).

Once initial dry set has occurred, rewet 1 to 2 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** 12Kgs

**Abrasion Resistance** Excellent

**Water Resistance**

**Pot Life**

### **Substrate Conditions**

- ROCKCOTE Quick Render PM100 High Build should only be used over dimensionally stable substrates and is suitable for application over suitably prepared masonry, expanded polystyrene and fibre cement sheet (when installed and applied according to ROCKCOTE's Impact Dry Zone Walling System).
- All surfaces must be clean and free from dirt, dust, oil, grease, silicon or loose materials before application.
- Dry masonry surfaces must be wetted with clean water. Do not apply product until the wet look has receded and the surface has absorbed the free water. For dense, smooth and difficult substrates ROCKCOTE Keycote must be applied prior to application of ROCKCOTE Quick Render PM100 High Build to provide optimum adhesion.
- When applying over AAC panels or blocks, seal first with one coat ROCKCOTE Acrybond mixed with an equal part of water to control suction and improve adhesion.
- It is important to mask up all surrounding surfaces before rendering to avoid contact, especially aluminium, window frames, and glass.

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### Application

- The application of ROCKCOTE Quick Render PM100 High Build is a specialist procedure and should only be carried out by a skilled and experienced applicator.
- For traditional hawk and trowel hand application, mix 12kg of ROCKCOTE Quick Render PM100 High Build with 4.5 to 5L 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 PM100 High Build should not be applied in a single coat greater than 30mm. ROCKCOTE Quick Render PM100 High Build can be sprayed on with a suitable machine such as Mortatec Worker or Mortarman.
- ROCKCOTE Quick Render PM100 High Build can be shaved flat and floated, however it cannot be sponged and should be overcoated with an acrylic or mineral texture from the ROCKCOTE range.
- Keep the finished ROCKCOTE Quick Render PM100 High Build sheltered from rain and moisture for 24 hours after completion dependent on climatic conditions.
- Dries in approximately 24 hours under normal drying conditions. (Dry times may vary with changes in temperature, humidity and residual moisture in the substrate. PLEASE NOTE THAT A 20-30mm THICK COAT NEEDS EXTRA TIME TO CURE & DRY OUT BEFORE OVERCOATING CAN COMMENCE).
- Once initial dry set has occurred, rewet 1 to 2 times a day with clean water for 2 days. This is especially important during hot and/or windy weather.
- Under normal conditions, the application of ROCKCOTE Acrylic Texture coatings and ROCKCOTE Coloured Renders may commence two days after ROCKCOTE Quick Render PM100 High Build is fully cured with a moisture content of less than 15% Wood Moisture Equivalent (WME). ROCKCOTE Quick Render PM100 High Build should not be left uncoated for an extended period of time and should be finished with a complete ROCKCOTE system as soon as practicable within 28 days after application.
- Do not apply any coatings other than ROCKCOTE coatings (in accordance with ROCKCOTE Technical Specifications) over ROCKCOTE Quick Render PM100 High Build without consulting ROCKCOTE. Refer to ROCKCOTE Systems Guide to select a suitable system for your requirements.

### Precautions and Limitations

- Should not be applied in temperatures below 5°C or in very hot and windy conditions above 35°C.
- Not suitable for application in swimming pools.
- Product cannot be sponged and hence should be coated with a ROCKCOTE Acrylic Texture, ROCKCOTE Coloured Render or ROCKCOTE Flexi Tex.
- Application not to exceed 30mm per single coat. If the total thickness of the material is to exceed 30mm, please contact the ROCKCOTE Technical Department.

### Transport and Storage

- ROCKCOTE Quick Render PM100 High Build must be kept dry during transportation and storage.
- When working with ROCKCOTE Quick Render PM100 High Build, 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.

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### Disposal

- Dispose of in accordance with local council regulations

### Safety Data

Refer ROCKCOTE Quick Render PM100 High Build 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.