

# RENDER COAT

## PRODUCT DESCRIPTION

Render Coat is a multipurpose one-component polymer modified render, containing a carefully proportioned blend of sands, cement and specially selected additives to provide a material with excellent handling and adhesive characteristics, and only requiring the addition of clean water before application.

Render Coat is ideal for rendering or patching most common substrates including masonry blocks, clay bricks, rendered walls and stonework. In addition, it is suitable for substrates such as Autoclaved Aerated Concrete (AAC) and off-form concrete providing the surface has been suitably prepared and primed.

## SUPPLY

Render Coat is supplied ready to use in easy to handle 20 kg multi-walled paper bags.

Render Coat is available from leading retail hardware and building supply outlets.

## APPLICATIONS

Render Coat is designed to be applied 2-8 mm thick in a single application. For thicker finishes two coats may be required.

## DIRECTIONS FOR USE

- Render Coat should only be applied over sound substrates.
- All surfaces must be free from dirt, dust, loose particles, oil, silicone, release agents or any substances that may reduce or inhibit adhesion to the substrate.
- Mechanical mixing is required for Render Coat such as an electric drill with mixing speed of 600 RPM fitted with a suitable spiral mixing paddle. Add the bag of Render Coat piecewise to 4.0 litres of clean water and mix.
- Once all render has been added, continue to mix until an even colour and consistency is obtained. If desired, add small amounts of additional gauging water to achieve desired consistency. Do not add additional cement, lime or other materials to the mix.
- Care should be taken not to add excessive water, as this will cause shrinkage cracking and low strengths.
- Do not mix more material than can be used within one hour.
- Spillage and partially set material should be discarded and should not be re-tempered with water.
- Render Coat is applied to the suitably prepared surface by steel trowel to a thickness of between 2 to 8 mm to level out the wall. As the material dries it is floated with a wood or polystyrene float to produce an even, uniform surface.

- The finished Render Coat coating should be left to cure for three days before a textured coating or masonry paint may be applied.
- Clean tools and equipment with water immediately after use.

## PROVISION OF SUBSTRATE

Render Coat should not be allowed to bridge the damp course and must be protected near areas where water may continually splash or wet the surface.

Although Render Coat displays superior performance characteristics and consistency over standard sand-cement renders, good trade practices should be adopted at all times.

Where expansion joints are incorporated in the substrate or between different substrates, technical advice should be sought after rendering over any joints.

## TYPICAL PROPERTIES

Bag content	20 kg
Appearance	Off white powder
Yield	11 litres per 20kg bag
Bulk density	1700 – 1900kg/m <sup>3</sup>
Coverage per bag (over good even brick work)	3.5-4.0 m <sup>2</sup> at 3 mm thickness
Average particle SG	2.7
Mixing ratio	4 litres of water per 20 kg

Render Coat is manufactured under a third party certified manufacturing and supply quality assurance system to AS/NZS ISO 9001 (NCS Certification No 6041)

## HANDLING AND STORAGE

Manual handling of bag products without due care and attention may result in personal injury. Unless you have been trained in manual handling methods it is suggested you share the load with another person.

Render Coat contains cement powders which when mixed or become damp are alkaline and can be harmful to skin. During use, avoid inhalation of dust and contact with skin and eyes. Wear suitable protective clothing, gloves, eye protection and respiratory protective equipment.

Render Coat can be stored for up six months provided it is kept in a dry place, off of the ground and protected from ingress of moisture. Ingress of moisture can occur due to rain, spillage of liquid (on or around the product) or a high humidity climate. Such exposure will degrade the performance of the product.



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## SAFETY INFORMATION

For safety information refer to the Safety Data Sheet for Render Coat.

## CONTACT POINTS

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