

RENDER COAT

PRODUCT DESCRIPTION

Adelaide Brighton Cement produces Render Coat, a multipurpose single component polymer modified render containing a selected blend of cement, sands, and additives to provide superior handling and adhesive characteristics.

Render Coat requires only the addition of water followed by mixing prior to use.

SUPPLY

Render Coat is available from most retail hardware and building supply outlets. It is pre-packed into easy to handle 20 kg multi-walled paper bags.

SPECIFICATION

All products are manufactured under a third-party certified manufacturing and supply quality assurance system to ISO 9001 (BSI Certification No FS 604665).

APPLICATIONS

Render Coat is ideal for rendering or patching most common substrates including masonry blocks, clay bricks, rendered walls, and stonework.

Render Coat is also suitable for autoclaved aerated concrete (AAC) and off-form concrete providing the surface has been suitably prepared and primed.

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

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.

Render Coat displays superior performance characteristics and consistency over standard sand-cement renders. However, good trade practices should still 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.

Limitations

- Do not mix with other binding agents or admixtures.

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 other substances that may inhibit adhesion to the substrate.
- Do not mix more material than can be used within one hour.
- 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 incrementally to 4.0 litres of clean water and mix. Once all render has been incorporated, continue to mix until an even colour and consistency is obtained.
- If desired, add small amounts of additional gauging water to achieve the desired consistency. However, care should be taken not to add excessive water as this will reduce strength in the product and may cause shrinkage cracking.
- Discard spillage and partially set material. Do not re-temper it with water.
- Render Coat is applied to the suitably prepared surface by steel trowel to a thickness of between 2-8 mm to level out the wall. As the render dries it is worked with a wood or polystyrene float to produce an even, uniform surface.
- The finished Render Coat should be left to cure for a minimum 3 days before a textured coating or masonry paint is applied.
- Clean tools and equipment with water immediately after use.

TYPICAL PROPERTIES

Bag content	20 kg
Appearance	Off-white powder
Yield	11 litres/ 20 kg bag
Coverage	3.5-4 m ² (3 mm thick over even brickwork)
Bulk density	1700 – 1900 kg/m ³
Av. particle specific gravity	2.7 t/m ³
Mixing ratio	4 litres water/20 kg bag

HANDLING AND STORAGE

Render Coat contains cements that when mixed with water 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.

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 that you share the load with another person.



RENDER COAT

Render Coat can be stored for up to 6 months provided protection against ingress of moisture is observed throughout the storage of the product. To achieve optimum results, ideally use within 3 months of purchase.

Ingress of moisture can occur due to rain, liquid spillage (on or around the product) or a high humidity climate. Such exposure will degrade the performance of the product.

Do not use if the product has become hard or lumpy.

SAFETY INFORMATION

For safety information refer to the safety datasheet for Render Coat.

CONTACT POINTS

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