

WALLCOTE® FR RENDER

PRODUCT TYPE

Renderers

PACKAGING

20kg Paper Bag

DESCRIPTION

Wallcote FR Render is a one component fibre reinforced polymer modified render, designed for rendering and leveling irregularities in Autoclaved Aerated Concrete (AAC) panels.

In addition to having excellent workability and adhesion, Wallcote FR Render has the following properties specifically required for AAC:

- Excellent water resistance
- Good vapour permeability, allowing the substrate to breathe
- Similar hardness, tensile and compressive strength to the AAC, so as not to delaminate or crack the substrate

Wallcote FR Render is manufactured exclusively for Acryloc Building Products by Adelaide Brighton Cement, under a third party certified manufacturing and supply quality assurance system to AS/NZS ISO 9001:2000.

FEATURES & BENEFITS

- Purpose designed for AAC
- Excellent adhesion
- Excellent crack resistance
- Excellent water resistance
- Good Vapour permeability
- Excellent durability
- Low maintenance
- Easy to apply
- 10 yr Coating System warranty
- Easy & safe clean up

WALLCOTE
Coating System

↳ Render Coat

Wallcote FR Render

↳ Texture

Acryloc Marblecote Medium or Coarse

(or) Sandcote Fine, Medium or Coarse

(or) Trowel On Scratch

(or) Tuscan Fine/Moroccan Med./Rustic Coarse Roll On

↳ Protective Colour Coat (recommended)

Acryloc Armourflex Masonry Matt or Lo Sheen

(must prime Render Coat if no texture applied)

SUBSTRATE PREPARATION

- Areas not to be coated should be masked and protected.
- All surfaces to be rendered must be clean, sound and free from contaminants including; oil, mould release, dust, dirt, silicone, mud, grease, salt, efflorescence, animal droppings and any loose or flaking material
- Level off any proud blocks and patch and fill any holes.
- Remove any loose particles with a broom.
- It is not normally necessary to dampen AAC but excessively wet walls should be allowed to dry. Rendering should not be carried out in extremely hot or dry conditions.

APPLICATION

- Wallcote *FR Render* is designed to be applied by trowel 2-4mm thick in a single application. Two coats may be applied where a higher build is required.
- Wallcote *FR Render* must be over coated using appropriate components selected from the Wallcote™ system.

Mixing

Mechanical mixing is required. A drill style mixer with a speed of 600rpm and a spiral mixing paddle is recommended.

Note: When mixing Wallcote *FR Render* for the first time it is advisable to start by using the minimum amount of water recommended for the first bag and then adjust the workability by following the procedure below. The total amount of water used in this first mix can be recorded and used as a guide for mixing subsequent bags.

- 3.5 to 4 litres of clean water is required per bag of *FR Render* depending on the workability desired.
- Add the *FR Render* to the required quantity of water steadily while mixing and continue to mix until an even colour and consistency is obtained. Small amounts of extra water may be added to adjust the consistency.

Care must be taken not to add excess water as this will cause shrinkage cracking and low strength.

Do not add additional cement, lime or any other materials to the mix.

Pot Life

- When mixed with water the maximum pot life is one (1) hour; do not add more water to extend pot life as this will reduce the strength and durability of the finished render.

Applying to AAC

- Apply a coat of 2-4mm thickness to the AAC block or panel with a steel trowel.
- Once the render has firmed, rub-up with a wood or polystyrene float to produce an even, uniform smooth surface.
- Allow minimum 3 to 4 hours curing time before applying second and subsequent render coats.
- Allow 2 to 3 days curing per coat of render before applying texture or paint coatings.

Coverage (over good, even AAC)

Thickness	per 20Kg bag	Dry Render per m ²
3mm	~ 4 m ²	~5kg

Clean-Up

Clean up with water

Important Notes

- Wallcote *FR Render* must not be allowed to bridge the damp course and must be protected in areas where water may continually splash or wet the surface.
- Technical advice should be sought where expansion joints are incorporated in the substrates or between substrates.
- Do not apply Wallcote *FR Render* on unprotected surfaces when rain is anticipated within 6 hours of completion of the days work, longer in damp, cold +/- humid conditions
- Avoid application in full sun, on hot surfaces or in hot windy conditions
- Application should be carried out on a day with temperatures above 10°C and below 32°C
- Coated area must be protected from damage until the completion of the project; finished work must be protected from rain, frost and severe weather conditions until fully dried

OTHER CONSIDERATIONS**Shelf-Life – Unopened Bags**

Maximum 1 year from date of manufacture when stored correctly

Transport & Storage

Store in a dry place, off floor level and preferably on the original pallet.

For further information refer to MSDS for Wallcote *FR Render*.

WARRANTY

Acryloc Building Products provides a material replacement warranty against bubbling, peeling or flaking of the full Wallcote Coating System caused by any defect in manufacture for a period of ten years from the date of application, provided that the products have been applied correctly by a skilled and experienced applicator in accordance with all current application criteria, both as specified by Acryloc Building Products and as specified by the substrate manufacturer and that the products have been stored in accordance with current criteria and have been used within the recommended shelf life period.

Application dates, product batch numbers and quantities must be recorded and supplied as a minimum to effect potential product failure investigation.

Acryloc Building Products provides no warranty, expressed or implied, against damage due to movement of the substrate or structure.

Acryloc Building Products cannot accept responsibility for variations in colour, strength, appearance or workability resulting from on-site mixing procedures and conditions.

SAFETY & HANDLING

Refer to MSDS for **Wallcote FR Render** before use. For further information on Material Safety Data Sheets, call the Acryloc Tech – Info line on 1300 661 745 or visit www.acryloc.com.au

When working with **Wallcote FR Render** observe the usual precautions for handling cement based mortars & renders including:

- Avoid inhalation of the dust, prolonged skin contact with wet mortar and eye contact
 - Wear protective clothing to minimize skin contact and wear goggles where splatter is likely
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DISTRIBUTED BY:

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