WALLCOTE® PRO RENDER™

PRODUCT TYPE
Prep Coats - Render

PACKAGING
20kg Paper Bag

DESCRIPTION

Acryloc *Wallcote Pro Render* is a superior quality, cement based, polymer modified render containing washed and graded silica sands, acrylic powder to increase adhesion and strength and proprietary additives to aid workability.

Acryloc *Wallcote Pro Render* is suitable for a wide range of domestic and commercial wall rendering requirements. The high compressive and flexural strength achieved by this product make it particularly suitable for high density substrates with the added advantage of being able to be applied as a thin section skim coat on sound surfaces.

Applications on low density substrates are more suited to using Wallcote Trade Render with the addition of Liquid Bond.

FEATURES & BENEFITS

- Strong adhesion
- Excellent water resistance
- Excellent crack resistance
- Excellent durability
- Aids coverage of subsequent coatings
- Low maintenance
- Easy to apply
- May be used as thin section skim coat
- Easy & safe clean up

Refer to the Wallcote System specification for the substrate being coated and carry out any preparatory steps.

Base Coat
Wallcote Pro Render plus Acryloc Liquid Bond (if specified)
One or more coats

Primer (required)
Primerbond Masonry Concentrate
(or) Primerbond Grip Coat
(or) Primerbond Rendercoat
(or) Primerbond Green Render

Texture Coating (if required)
Acryloc Marblecote Medium
(or) Eco-Tex Fine or Medium

Membrane Coating (required for full warranty)
Armourflex Masonry Matt, Lo Sheen or Armourflex Extreme

SUITABLE SUBSTRATES – when properly prepared	Liquid Bond required?
Cement Render & Concrete Blocks	No
Concrete and Clay Brickwork	Only for low porosity, eg Clinker bricks
Tilt panel walls	No
Expanded Polystyrene	Yes
Other primed exterior surfaces	No
Other proprietary cladding systems (*subject to manufacturer's recommendations)	If specified*

SUBSTRATE PREPARATION

- 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
- Wallcote *Pro* is usually subjected to a moderate amount of 'suction' by the substrate and this assists with adhesion. A dry, high porosity surface can rob too much water from the render and give a powdery, low strength finish.
- Test the substrate by applying water – the surface should immediately absorb the water and remain damp.
- Highly porous substrates should be tempered with water to reduce suction or coated with a solution of one part Acryloc Liquid Bond to 2 parts water immediately before rendering.
- Non-porous substrates require the addition of Liquid Bond to the render mix water, see the Liquid Bond Technical Data Sheet for quantities.

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APPLICATION

- Care should be taken to keep Wallcote *Pro Render* off windows and adjacent surfaces that are not to be coated, as it can be very difficult to remove once allowed to dry. Areas not to be coated should be masked and protected
- Wallcote *Pro Render* may be applied by trowel or with suitable spraying equipment
- Wallcote *Pro Render* is normally over coated using appropriate components selected from the Wallcote™ system.

Mixing Method

Note: When mixing Wallcote *Pro Render* for the first time it is advisable to start by using the minimum amount of water recommended for the first bag and then adjusting 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.

- 2.75- 3.25 litres of water is required per bag of *Pro Render* (depending on method of application & workability required)
- Add the required quantity of water to a suitable mixing vessel. Add Acryloc Liquid Bond to the water, if required, and stir thoroughly.
- Add the *Pro Render* to the water steadily while mixing with a power stirrer until it is smooth and lump free.
- Allow the mix to stand for five (5) minutes before use or before adding extra water and remixing to adjust to the workability required.
- When mixed with water the maximum pot life is two (2) hours, do not add further water to extend pot life as this will reduce the strength and durability of the finished render

Brickwork & common masonry substrates

- Apply a coat of 3 - 5mm thickness
- Work on a 1- 2m^2 area and immediately finish with a suitable straight edge
- Work in this fashion until the whole area is flat and even
- Apply second and subsequent coats as required, with each being no less than 3mm and up to 5mm thick.
- Once the finish coat/s have firmed slightly, rub-up with a wooden, sponge or polystyrene float to produce an even, uniform and smooth surface

Proprietary façade systems

- Follow the façade manufacturer's specifications for finish coats and consult the relevant Acryloc Specification Sheet for any required special instructions. **Note; if in any doubt, call our Tech-info advice line. (1300 661745)

Coverage

Thickness (mm)	3-5mm	m^2 per 20Kg bag	2.5 – 3.5m^2

Curing Time

Curing time allows the render to develop strength and also allows time for the alkalinity of the render to fall.
Applying acrylic finishes over fresh, cement based renders can lead to problems as a result of high pH (alkalinity). Acrylic finishes should not be applied until the pH has fallen to 9 or less, otherwise lime burn, colour inconsistencies and/or efflorescence of salts through texture and paint coatings can occur.
Alkalinity can be checked by dampening the wall with distilled water and applying pH indicator paper.

Multiple Render Coats

- Allow minimum 3 to 4 hours curing time before applying second and subsequent render coats.
- Allow at least 3 days curing per coat of render before applying texture or paint coatings.

Single render coat

- Allow at least 3 days before applying texture or paint coatings to a single, fresh 3-5mm render coat.

Sprayed Render

- Allow at least 5 days before applying texture or paint coatings to a single, fresh sprayed render coat. More time is required because sprayed render is normally in a thicker coat and because the mix contains more water per bag.

Important Notes

- Do not apply Wallcote *Pro Render* on unprotected surfaces when rain is anticipated within 6 hours of completion of the days work, longer in damp, cold +/or 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 ambient.
- 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.

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OTHER CONSIDERATIONS

Clean-Up
Clean up with water

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.

SAFETY & HANDLING

Refer to **SDS** for **Wallcote Pro *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 *Pro 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
- Where spills occur, soak up liquid spillage with sand/sawdust, sweep up loose powder and dispose of in a sensible manner. Do not permit run-off to sewer, storm water or open bodies of water

Full bags are HEAVY. Wear protective footwear and seek assistance if necessary.

FIRST AID MEASURES

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Ingestion
If swallowed, wash out mouth with water. Do **NOT** induce vomiting. Drink at least two (2) glasses of water. Seek medical attention.

Eye
Wash with copious amount of water for 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into non-affected eye. Seek medical attention.

Advice to Doctor
Treat symptomatically

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