WALLCOTE® FEATHERWEIGHT HB RENDER™

PRODUCT TYPE	PACKAGING
Prep Coats - Render	15kg Paper Bag

DESCRIPTION

Acryloc Wallcote *Featherweight HB Render* is a light weight, cement based, polymer modified render containing silica sands, low density fillers, acrylic powder to increase adhesion and strength, with proprietary additives to aid workability.

Wallcote *Featherweight HB Render* is suitable for application to a wide range of substrates. The product is designed for application in a single, high build coat, typically 10 to 20mm. Ideal for rendering masonry with deeply raked mortar joints.

FEATURES & BENEFITS

- Very strong adhesion
- Excellent water resistance
- Excellent crack resistance
- Low density for light weight

SUITABLE SUBSTRATES – when properly prepared	Liquid Bond required?
Cement Render, Tilt panel walls & Concrete Blocks	No
Concrete and Clay Brickwork	Only for very low porosity, eg Clinker bricks
Fibre Cement Sheeting	No
Other primed exterior surfaces	No

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 HB requires a moderate amount of 'suction' by the substrate to give good 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.

APPLICATION

- *Featherweight HB* is normally applied by trowel and must be over coated using appropriate components selected from the Wallcote™ system, either Wallcote Pro for a render finish or an Acryloc Texture.

Mixing Method

Note: When mixing *Featherweight HB* 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.

- 3.5 to 4 litres of water is required per bag of *Featherweight HB* (depending on the substrate & desired workability)
- Add the required quantity of water to a suitable mixing vessel. Add Acryloc Liquid Bond, (if required), and mix.
- Add the *Featherweight HB* 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 one to two (1-2) hours, do not add further water to extend pot life as this will reduce the strength and durability of the finished render

Applying to the substrate

- Apply a coat of the desired thickness, typically 10 - 20mm, with a steel trowel. Can be applied up to 25mm thick.
- Work on a 1- 2m^2 area using the trowel to flatten and smooth the surface.
- Work in this fashion until the whole area is flat and even
- Note that *Featherweight HB* gives a relatively sticky mix due to the acrylic polymer content. This stickiness plus the large, low density aggregate, means that screeding of the surface will cause dragging and give a rough finish. Heavy screeding and rubbing up are therefore not recommended.

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Coverage

Thickness (mm)	m^2 per 20Kg bag
10-20	0.8 – 1.5

Curing Time

Curing time allows the render to develop sufficient strength to resist mechanical damage before overcoating.

- Allow 7 days before applying texture or paint coatings to a 10 -20mm render coat.
- Ensure Wallcote HB has a residual moisture content <10%. Before applying primer, texture or paint coatings Moisture meters should be used

Important Notes

- Do not apply *Featherweight HB Render* on unprotected surfaces when rain is anticipated within 6 hours of completion of work for the day, 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

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 *Featherweight HB 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 *Featherweight HB 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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