# ACRYLOC® WALLCOTE® SYSTEM SPECIFICATION
## for *RendeX® External Cladding System*

### DESCRIPTION

*RendeX* panels manufactured by Prestige Wall Systems are made from 'M' grade expanded polystyrene, factory coated with cementitious base coat and alkaline resistant fiberglass mesh reinforcement. The *RendeX External Cladding System* is lightweight and has excellent insulating properties.

The panels are fixed to timber or steel framing, ready for application of render, texture and finish coatings on site.

### WALLCOTE COATING SYSTEM

The Wallcote System components recommended for use on the *RendeX External Cladding System* are shown below.

| Recommended Components | Notes |
|---|---|
| **Joints, Corners, Fix Beads and Trims** | |
| Modified Acryloc Patch Fine | Prepare modified Patch by adding 5-10% of GP cement (750g - 1.5kg to 15L) |
| **Prep Coat #1(essential)** | Provides a sound, level base coat |
| Wallcote HPS Render | High Polymer Strength Render |
| **Prep Coat #2 (optional)** | Liquid Bond not required |
| Wallcote HPS Render | For extra build or where texture is not to be used, sponged or similar render effect required. Provides a surface for painting |
| **Primer (required)** | |
| Acryloc Primerbond Masonry Concentrate | Ensures uniform porosity and suction of the render surface<br>Dilute 1:1 with clean water before use. |
| **Texture Coating (if required, choose from)** | |
| Acryloc Marblecote Medium | Trowel on and finish with a Texture Float |
| (or) Acryloc Eco-Tex Fine or Medium | |
| (or) Acryloc Eco-Tex Quartz | All texture coats are tintable to aid Paint coating coverage |
| **Membrane Coating (for full durability)** | |
| Acryloc Armourflex | Highly Durable, Masonry Matt or Lo Sheen finish, protective Paint coating, tintable to a wide range of colours |
| (or) Armourflex Extreme | |

### IMPORTANT REQUIREMENTS

- *RendeX* panels must be installed in accordance with the manufacturer's instructions. Refer to the *RendeX* Technical Manual.
- Timber framing must comply with AS1684-2010 Residential Timber-Framed Construction.
- Metal framing must comply with AS3623-1993 Domestic Metal Framing.
- All exposed corners of the *RendeX* panels must be protected with exterior grade beading.
- Application of the Wallcote System should commence within two weeks of installation of the RendeX panels.
- Once application of the Wallcote system has started, the applicator is taken to have approved the installation and fixing of the panels.
- Application methods and processes should be agreed by the client, preferably with approval of a site sample
- Ensure that the surface of the *RendeX* panel is clean, sound, dry and free from contaminants including oil, grease, dust, dirt, silicone, mud, salt, efflorescence, animal droppings and any loose or flaking material.



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## JOINTS, CORNERS, BEADS and TRIMS

It is essential that Beads and Trims are firmly fixed.
Prepare modified Patch by adding 5 -10% of GP cement (750g - 1.5kg to 15L pail) and mix well.
**For Joints, Corners and Other areas to be meshed (**Refer RendeX Technical Manual for joint and corner detail**.)**

- Apply a thin layer of modified Patch along the full length. Press the mesh into the modified Patch and smooth out with a suitable trowel. The mesh must be a single piece cut to the length of the joint or corner – it is a good idea to cut to size before starting rendering.
- It is essential that the modified Patch is in contact with the entire panel surface and that the mesh is fully surrounded or encapsulated. The mesh MUST NOT be directly applied, fixed or glued to the panel. Self adhesive mesh is not recommended for this application.
- The mesh MUST NOT be pushed through the modified Patch to the surface of the panel.

**For Beads and Trims**

- Fix in place with a polystyrene compatible construction adhesive and allow to dry. Trowel modified Patch over the whole length. Work into the holes to ensure that there are no voids and feather out onto the RendeX panel.
- Allow minimum 4 hours before applying render.

## PREP COAT #1 (essential)

- Prepare Wallcote HPS Render as per the relevant Wallcote HPS Render Tech Data Sheet.
- Apply Wallcote HPS Render at a thickness of 3-5mm to the wall surface. Screed the render coat and float. The final render thickness is determined by the size of corner beads and trims and should provide a smooth even finish over the wall surface. **Do not render over expansion or control joints.**

## PREP COAT # 2 (optional)

No Liquid Bond is required for a second prep coat.

- Apply a coat of Wallcote Pro Render to a nominal thickness of 3mm.
- Float this coat to achieve an even and true surface with the desired appearance, e.g. a floated, bagged or sponged finish ready for subsequent texture coating or painting.

**Curing Time**

- Allow minimum 3 hours curing time before applying second prep coat.
- Allow 24 hours curing per coat of Wallcote HPS Render before applying texture or paint coatings.

## PRIMER

The Wallcote HPS Render must be primed prior to texture coating (or painting, if texture is not required).

- Use diluted Acryloc Primerbond Masonry Concentrate and apply a single coat of at the rate of 13-15m²/L.
- Allow 45 minutes to dry before commencing the texture coat.

(Note: Primerbond Masonry Concentrate is supplied as a concentrate and must be diluted 1:1 before use)

## TEXTURE COATING

- Apply the selected Acryloc Trowel-On texture as per the current version of the product Tech Data Sheet.
- Application must be carried out in a brisk uniform fashion, terminating only when a whole area or section is completely coated e.g. at a natural break, expansion joint or corner. Do not texture over control joints.
- Acryloc texture coatings should not be extended (spread) too far; otherwise durability and hiding power may suffer.
- Allow 24 hours before commencing the membrane (paint) coat.

## MEMBRANE COATING

- Painting with Acryloc Armourflex is required to fully protect against water ingress, minimize dirt build up on the surface and to extend the life of the coating system.
- Apply Acryloc Armourflex as detailed in the current version of the product Tech Data Sheet.
- If applying directly to render, the rendered surface must be primed first.
- No further primer is required if painting freshly applied texture.



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## WARRANTY

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law and the benefits provided by our warranty are in addition to other rights and remedies available to the consumer under the law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

In addition to these legal requirements, Acryloc Building Products provides a material replacement warranty against peeling or flaking of the full Wallcote™ System caused by any defect in manufacture for a period of ten years when applied correctly by a skilled and experienced applicator in accordance with all current application criteria, including but not limited to, substrate type and preparation, application rates and methods, prevailing weather conditions and protection of finished work.

Acryloc Building Products provides no warranty, expressed or implied, against damage due to movement of the substrate or structure and Acryloc Building Products cannot accept responsibility for variations in colour, strength, appearance or workability resulting from on-site mixing procedures and conditions.

To claim under this warranty, contact us by phone, mail, or through the 'contact us' facility on our website (see the contact information below), and give details of the claim, including your contact details. Proof of purchase is required and we reserve the right to inspect the affected property at our cost.

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