

## ACRYLOC<sup>®</sup> WALLCOTE<sup>®</sup> SYSTEM for the EXIN cladding system

(Wallcote System)

Specification Sheet: WC005

### DESCRIPTION

The Exin cladding system is manufactured by RMAX and is made from PerformGuard<sup>®</sup> Termite Resistant expanded polystyrene (grade M), with an enhanced, fibreglass mesh reinforced coating system ready for application of render, texture and finish coatings.

Exin is available as:

- exinFLEX<sup>®</sup> – coated on one side
- exinTEX<sup>®</sup> – coated on both sides.

The Exin cladding system is typically fixed to timber or metal framing in residential and low rise commercial buildings.

### WALLCOTE COATING SYSTEM



The Wallcote System components recommended for use on EXIN building panels are shown below.

Recommended Components	Data Sheet	Notes
↳ <b>Render First Coat (essential)</b> Wallcote Pro Render	TECH25010	Add Liquid Bond to mix water for good adhesion Joints embedded with mesh, provides a base coat
↳ <b>Render Second Coat (optional)</b> Wallcote Pro Render		Liquid Bond not required Where texture is not to be used, sponged or similar render effect required, provides a surface for painting
↳ <b>Primer (recommended)</b> Acryloc Prime Seal	TECH13007	Ensures adhesion of texture or paint coating to render
↳ <b>Texture Coating (if required, choose from)</b> Acryloc Marblecote (or) Acryloc Sandcote Fine/ Medium/ Coarse (or) Trowel On Scratch 1mm/1.5mm/2mm (or) Tuscan Fine/Moroccan Med./Rustic Coarse	TECH25015 TECH25005 TECH25051 TECH25070	All texture coats are tintable Trowel On Trowel On Trowel On Roll On
↳ <b>Finish Paint Coating (recommended)</b> Acryloc Armourflex (or) Acryloc Silk Lo Sheen Exterior Coating	TECH26095 TECH26060	Over sponged/floated render or over texture coat Durable High Build Paint coating, tintable Durable Paint coating, tintable

### IMPORTANT REQUIREMENTS

- exinFLEX<sup>®</sup> and exinTEX<sup>®</sup> panels must be installed in accordance with the manufacturer's instructions. Refer to the Exin Technical Data Manual, available at <http://www.exin.com.au/technicalmanual.htm>
- Frame details and panel fixings must comply with relevant building codes
- Timber framing must comply with AS1684-1992 National Timber Framing Code
- Metal framing must comply with AS3623-1993 Domestic Metal Framing
- Once application of the Wallcote system has occurred, the applicator is taken to have approved the installation and fixing of the panels
- Application methods and processes should be approved by the client, preferably with the application of a site sample

**RENDER FIRST COAT**

Ensure that the surface 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.

- Prepare Wallcote Pro Render as per the relevant Tech Data sheet with the addition of Liquid Bond to the mixing water at the rate of 1 part Liquid Bond to 4 parts water.
- Start at a vertical joint and apply a 3-5mm layer of Wallcote Pro Render along the length of the joint. Press a length of reinforcing mesh into the render and smooth out with a suitable float.

Notes: The mesh must be as specified in the Exin Technical Data Manual

The mesh must be a single piece cut to the length of the joint – it is a good idea to cut the mesh to size before starting rendering.

- Once the joints in the area being rendered have been coated and reinforced, apply Wallcote Pro Render at a thickness of 3-5mm to the rest of the wall surface. **Do not render over expansion or control joints.**

- Scream the render coat and float off.

Note: The final render thickness is determined by the size of corner beads and the like. The render layer should provide a smooth even finish over the wall surface

**RENDER SECOND COAT (if required – normally only if no texture to be applied)**

No Liquid Bond is required in the mix water for a second render 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, for example, a steel floated, bagged or sponged finish ready for subsequent painting.

Allow a minimum of two days for the render to cure before applying subsequent coatings.

**PRIMER**

The Render Coat should be primed prior to texture coating or painting to ensure good adhesion.

- Apply a single coat of Acryloc Prime Seal (Ready to Use) at the rate of 12.5-16.5 m<sup>2</sup>/L.
- Allow 45 minutes to dry before applying texture or paint.

**TEXTURE COATING**

- Apply the selected Acryloc Trowel-On or Roll-On texture as detailed in the appropriate Tech Data Sheet.
- Application must be carried out in a brisk uniform fashion, terminating only when a whole area or section is completely coated, for example, at an expansion joint or corner. **Do not texture over expansion or 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 paint coat.

**PAINT COATING**

If applying to render, the render surface should be primed first.

No further primer is required if painting freshly applied texture. Painting of texture is recommended to minimize dirt build up on the surface and to extend the life of the coating system

- Apply the selected Acryloc paint coating as detailed in the current version of the appropriate Tech Data Sheet.
- Two rolled coats of Acryloc Armourflex or Silk Low Sheen will offer an attractive finish and excellent durability.

**Clean-Up**

Clean up all Wallcote System materials with water.

**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 when applied correctly by a skilled and experienced applicator in accordance with all current application criteria.

Acryloc Building Products provides no warranty, expressed or implied, against cracking due to movement of the substrate or structure. Consult the Wallcote Warranty Conditions for further details.

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