

COATING SYSTEM SPECIFICATION: MCS-010-12/08

RMAX THERMAWALL PLUS

RENDER & ACRYLIC TEXTURE



OVERVIEW

RMAX Thermawall Plus is an Australian made and distributed exterior insulation and finishing system (EIFS) which has been independently tested by NATA accredited testing laboratories to meet and exceed relevant Australian Standards for external building insulating cladding products. RMAX Thermawall Plus has been approved and accredited by the Building Regulations Advisory Committee (BRAC) under BRAC Certificate Number V11/01.

BASIC COMPOSITION

ThermaWall Plus building panels are made up of Perform Guard – Termite Resistant expanded polystyrene (Grade M) core reinforced with high strength alkaline resistant fibreglass mesh and the Thermawall Plus enhanced surface coating, to provide strength and high impact resistance.

The Thermawall Plus coating is a durable textured surface ready to accept renders to achieve a variety of finishes. Contact your local architectural coating manufacturer for products that suit Thermawall Plus building panels and for an application specification.

MATERIALS REQUIRED

- > RMAX Thermawall Plus EPS base sheets in either 75 or 100 mm thickness
- > Approved flashing tape for weatherproofing window and door openings.
- > Aluminium starter channels for providing a neat and durable lower edge.
- > Class 3 galvanised screws for fastening sheets. Refer to Thermawall Plus Technical Manual for details.
- > 40 mm plastic washers
- > Polychem adhesive for bonding all sheet edges during installation.
- > Dri-Patch high strength patching compound for filling fastening holes and setting sheet joints prior to rendering.
- > 200 mm alkali-resistant fibreglass mesh jointing tape for reinforcement of abutting sheet joints.
- > Fibreglass/metal angles for application to external corners.
- > Macrender® HBS for leveling render coat (one or two coats as required - see render coat application).
- > Mactexture decorative textured finish coat in selected grade and colour.
- > MAC Satin membrane for protective, low maintenance finish coat.

RMAX THERMAWALL PLUS EPS CLADDING SYSTEM INSTALLATION

- > Install RMAX Thermawall Plus system as per technical documentation. The RMAX Thermawall Plus Technical Manual is available for download at www.melbacrylic.com.au/downloads-links/
- > All abutting sheet joints must be fully glued with polychem expanding adhesive.

SURFACE PREPARATION

- > The RMAX Thermawall Plus system must be clean and free from any impurities which may adversely affect the bond strength of the acrylic textured coating system.
- > Remove any loose, chalky or flakey material by brushing as required.

PREPARATION FOR RENDER APPLICATION

- › After sheet installation, ensure all washer heads are fastened flush with the surface of the Thermawall Plus base sheets. Fill all washer heads with Dri-Patch.
- › All abutting sheet joints and external corners must be reinforced with a combination of MAC Dri-Patch and 200 mm alkali-resistant fibreglass mesh tape prior to rendering. To set sheet joints, trowel freshly prepared Dri-Patch over the joint and embed 200 mm fibreglass mesh tape or external angle bead into the wet material. Skim over with a further coat of Dri-patch ensuring mesh or angle bead has been fully immersed.
- › Allow Dri-Patch in fastener holes and on set/taped joints to fully harden prior to commencing rendering.

RENDER COAT APPLICATION

- › Apply Macrender® HBS to the patched and jointed Thermawall Plus sheet at a thickness instructed on the packaging instructions. Float to a smooth finish ready to accept a second coat of render.
- › Apply a second coat of Macrender® HBS if required, ensuring a total render thickness of 5 mm in total has been achieved.
- › Control and movement joints must be placed as per Thermawall Plus Technical Manual or engineers recommendation and must not be bridged by the render or texture coating system.
- › Allow rendered surface to cure for a minimum of 4 days prior to overcoating.

FINISH COAT APPLICATION

- › Apply selected trowel-on or roll-on textured finish in selected colour as per product specific product data sheet. Allow to dry for a minimum 24 hours prior to painting. This stage is optional.
- › Apply two coats of MAC Satin membrane (low sheen or matt) in selected colour.

MATERIALS WARRANTY

- › When applied in accordance with the above specification, MAC will provide a 7 year materials warranty against peeling and delamination. This warranty does not cover workmanship or product failure caused as a result of hydrostatic pressure or structural movement. See warranty for details.
- › The RMAX Thermawall Plus EPS cladding system is covered by a separate RMAX warranty. Contact RMAX for further details.

IMPORTANT NOTE:

Melbourne Acrylic Coatings Victoria Pty Ltd, its staff and distributors will not accept responsibility for any failure caused as a result of factors beyond our control including but not limited to onsite handling, preparation or application of this product. Application of this product should only be performed by qualified trades people trained in the use of this type of product. Information supplied in this publication is based on our testing and experience and is given in good faith. Suitability of this product should be independently determined prior to use. Warranty is limited to the replacement of any materials proven to be faulty. MAC will not warrant job defects caused as a result of but not limited to, structural movement or entrapped moisture.

WWW.MELBACRYLIC.COM.AU