

COATING SYSTEM SPECIFICATION: MCS-008-12/08

HEBEL PANEL

Render & Acrylic Texture

Materials Required

- > Macprime HP for priming (if required) in hot conditions
- > Fibreglass reinforcing tape 200 mm x 165 gsm
- > Macrender® Coarse FR (fibre-reinforced) and Macrender®/Macrender® Coarse for second finishing coat
- > MAC Primer for application over rendered panels prior to finish-coating
- > Mactexture trowel-on or roll-on decorative finish in selected colour (optional)
- > Satin membrane in selected colour (available in low sheen or matt)

Surface Preparation

- > Hebel Power Panel should be installed as per manufacturers technical documentation.
- > All surfaces must be clean and free from any impurities which may adversely affect the bond strength of renders and applied finishes. Brush the surface with a stiff bristled broom to remove all dust and loose particles.

Joint Preparation

- > Ensure all joints have been properly glued and are fully flush filled with the Hebel adhesive prior to the commencement of rendering.

Base Preparation

- > Fill any holes and repair panel imperfections with Hebel Patch material ensuring base is suitable for application of a thin base render. Allow repaired sections to dry fully before rendering.
- > If panels are misaligned, make good by removing high spots with a Hebel levelling plane or sanding float.
- > For external corner finishing and reinforcement, use only fibreglass beads rendered into the corner at time of installation. Use of smooth metal or plastic angle beads increases the incidence of cracking and coating delamination.
- > In hot, dry and windy conditions, pre-wetting of the panels with clean water or application of Macbond (thinned 1:1 with water) or Macprime HP will extend the working time of the render. This will improve bond strength, surface finish and hydration of the render.

Coating Schedule - In Order of Application

PRODUCT	PURPOSE	SPREAD RATE / FILM THICKNESS	NOTES
Macrender Coarse FR	Provides first levelling coat with high adhesion to painted masonry.	2-4 mm per coat for standard renders.	Required for initial adhesion to AAC. Embed 200 mm ARFG reinforcing tape at all panel joins. <u>Tape to be embedded just below the render surface.</u> Adhesive tape is not acceptable. Minimum 2 mm thickness required.
Macrender® Macrender® Coarse	Second levelling coat	2-4 mm per coat for standard renders.	Bring to level surface suitable for acceptance of selected textured coating.

PRODUCT	PURPOSE	SPREAD RATE / FILM THICKNESS	NOTES
<i>Macprime HP</i>	<i>Reduces suction, provides barrier against alkalinity/ moisture and improves render-coating adhesion.</i>	<i>Approx. 6 m² / litre.</i>	<i>One coat. Allow to dry thoroughly prior to overcoating.</i>
<i>Mactexture acrylic trowel-on/roll-on textured finish</i>	<i>Provides even textured appearance to rendered surface.</i>	<i>Between 0.6 - 1.3 m²/litre depending on selected grade.</i>	<i>One coat.</i>
<i>Satin Flex Elastomeric</i>	<i>Resists moisture ingress, fading and dirt pick-up. Also provides limited crack-bridging ability.</i>	<i>Approx. 4 m² / litre.</i>	<i>Two coats - Required for full 7 year warranty.</i>

Application of Base Render

- > Apply a base coat of Macrender® Coarse FR (in one or two successive coats) at a thickness of approximately 2-4 mm, to provide a suitable finish for the desired finish coat. All panel joints must be reinforced with 200 mm strip of FG reinforcing tape embedded into the wet render, just below the surface, at the time of skim-coat application. All window and door openings must have corners similarly reinforced with diagonal fibreglass strips (300 mm x 200 mm).
- > Apply a final levelling coat of Macrender®/Macrender® Coarse at a thickness of 2-3 mm to bring the surface to a suitable finish for painting or texture coating.
- > Control and movement joints must be placed as per installation manual or engineers recommendation and must not be bridged by the coating system. Control joints must be filled/ caulked with a paintable polyurethane sealant used in conjunction with a PU backing rod and must not be bridged by the render & coating system.
- > Allow rendered surface to cure for a minimum of 4 days prior to overcoating.
- > Render which has dried prematurely due to climatic conditions at the time of application may require further misting with water to assist hydration and strength development.
- > Prime rendered surface with one coat of MAC Primer and allow to dry prior to application of textured finish or paint.

Finish Coat Application

- > Apply selected Mactexture trowel-on or roll-on textured finish (surpasses minimum polymer solids 9% in dry film as per CSR recommendation) 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 if render has been finished to a standard acceptable to the client or if a painted render finish has been specified.
- > Apply two coats of MAC Satin Flex elastomeric 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 defects caused as a result of hydrostatic pressure or structural/substrate movement. See warranty for 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