

## COATING SYSTEM SPECIFICATION: MCS-007-09/07

# HEBEL® BLOCK

## Render & Acrylic Texture

### Materials Required

- > Macprime HP for priming blocks prior to rendering (if required)
- > Macrender® Coarse FR (fibre-reinforced) and Macrender®/Macrender® Coarse/Supaskim for second coat
- > 200 mm Fibreglass reinforcing mesh alkali resistant (165 gsm minimum)
- > MAC Primer for application over render prior to finish-coating
- > Mactexture trowel-on or roll-on decorative finish in selected colour (optional)
- > Satin or SatinFlex elastomeric(recommended) membrane in selected colour

### Base Preparation

- > Hebel® blocks 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. All joints must be flush filled with recommended Hebel® Adhesive.
- > Fill any holes and repair imperfections with Hebel® Patch ensuring base is suitable for application of a thin base render. Allow repaired sections to dry fully before rendering.
- > In hot, dry and windy conditions, light pre-dampening of walls with clean water or application of 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
<i>Macrender Coarse FR</i>	<i>Provides first levelling coat with high adhesion to painted masonry.</i>	<i>2-4 mm per coat for standard renders.</i>	<i>Required for initial adhesion to AAC. Embed 200 mm ARFG reinforcing tape as detailed. <u>Tape to be embedded just below the render surface.</u> <u>Adhesive tape is not acceptable.</u>  <i>Minimum 2 mm thickness required.</i></i>
<i>Macrender® Macrender® Coarse</i>	<i>Second levelling coat</i>	<i>2-4 mm per coat for standard renders.</i>	<i>Bring to level surface suitable for acceptance of selected textured coating.</i>
<i>Macprime HP</i>	<i>Reduces suction, provides barrier against alkalinity/ moisture and improves render-coating adhesion.</i>	<i>Approx. 6 m<sup>2</sup> / 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 m<sup>2</sup>/litre depending on selected grade.</i>	<i>One coat.</i>

PRODUCT	PURPOSE	SPREAD RATE / FILM THICKNESS	NOTES
Satin Flex Elastomeric	Resists moisture ingress, fading and dirt pick-up. Also provides limited crack-bridging ability.	Approx. 4 m <sup>2</sup> / litre.	Two coats - Required for full 7 year warranty. Selected colour must have LRV >45% require.

### 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 window and door openings must be 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 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 a painted render finish has been specified.
- > Apply two coats of MAC SatinFlex acrylic membrane in selected colour with LRV >45%.

### 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.

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#### 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/substrate movement or entrapped moisture.

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