

COATING SYSTEM SPECIFICATION: MCS-019-13/09

MASTERWALL®

RENDER & SUEDE FC FINISH

MATERIALS REQUIRED

- > Masterwall base sheets installed as per Masterwall installation manual.
- > 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 Masterwall installation manual for details.
- > Fixing washers as per Masterwall requirements.
- > Approved adhesive for bonding all sheet edges during installation.
- > Alkali-resistant fibreglass mesh (200 mm x 165 gsm minimum) for reinforcement of sheet joints in the first coat of polymer render.
- > Fibreglass/aluminium combination angles for application to external corners.
- > Macrender® HBS for both first and second render coats.
- > Suede FC as final finish coat.
- > Caulks and sealants for final weatherproofing as approved for the Masterwall system by Practica MMC.

MASTERWALL INSTALLATION

- > Install Masterwall system as per technical documentation. The Masterwall / Practica MMC Technical Manual is available for download at www.practicammc.com.au

SURFACE PREPARATION

- > The Masterwall cladding boards 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.

TABLE 1.1 COATING APPLICATION SCHEDULE (IN ORDER OF APPLICATION)

PRODUCT	PURPOSE	SPREAD RATE / FILM THICKNESS	NOTES
Masterwall	Lightweight wall cladding system by Practica MMC.	N/A	Install as per Masterwall installation manual available for download at www.practicammc.com.au
Macrender® HBS	Provides adhesion to base panels and encases reinforcing mesh. This coat provides the key strength of the coating system.	3-4 mm approx.	Required. Includes embedded FG mesh at sheet joints, external angles and all reinforcing strips.
Macrender® HBS	Provides added thickness and strength to coating system whilst providing the appropriate surface finish for subsequent coats in the system.	2-3 mm. Total thickness for both render coats min 5 mm in total.	Required. No reinforcing in this coat. Finish quality to be appropriate for application of 2-4 mm Suede FC finish coat.

PRODUCT	PURPOSE	SPREAD RATE / FILM THICKNESS	NOTES
Suede FC	Ultra fine polymer modified cement based finishing coat providing natural concrete type finish.	Approx. 4-6 sq. metres per 15 kg bag.	7 year warranty provided when used in full specified system.

PRIOR TO RENDERING

MASTERWALL™ SYSTEM INSTALLATION

- > Install Masterwall™ system as per technical documentation. This documentation is available for download at www.practicammc.com.au
- > All abutting sheet joints must be fully glued with liquid or foam polyurethane construction sealant/adhesive.
- > Flashing tape applied from joinery to building wrap on wall studs or as per Masterwall™ requirements.

PREPARATION FOR RENDER APPLICATION

- > After sheet installation, ensure all washer heads are fastened flush with the surface of the Masterwall™ base sheets.
- > The Masterwall™ panels must be clean and free from any impurities which may adversely affect the bond strength of the render system.
- > Remove any loose, chalky or flakey material by brushing as required.

RENDER & COATING APPLICATION

RENDER COAT APPLICATION

- > Apply Macrender® HBS to the Masterwall™ sheet at a thickness of approximately 3-4mm. Embed alkali-resistant FG mesh (200 mm x 160 gsm minimum) into wet render along full length of all sheet joints. Float to a finish suitable for the application of a second render coat. Use of self-adhesive FG reinforcing tape adhered directly to the Masterwall panels *will not be deemed acceptable installation practice in the case of any warranty claim.*
- > Corners around openings including window and door frames must be diagonally reinforced with 400 mm x 200 mm fibreglass bandages embedded on the face in the first coat of Macrender® HBS in addition to joint reinforcement.
- > Apply a second coat of Macrender® HBS at a thickness between 2-3 mm. Ensure a total render thickness of 5 mm minimum in total has been achieved.
- > Control and movement joints must be placed as per Masterwall™ 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 application of finish coat.

FINISH COAT APPLICATION

Apply Suede FC in either one or two coats at a thickness of 2-3 mm as per technical data sheet.

CAULKING & SEALANTS

All weatherproofing sealants, caulking and control/movement joints must be applied/installed as per Masterwall™ requirements and must not be bridged by the coating system.

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 Masterwall™ system as installed as per Practica MMC technical documentation is covered by its own warranty. Contact Practica MMC for further details or visit www.practicammc.com.au

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.

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