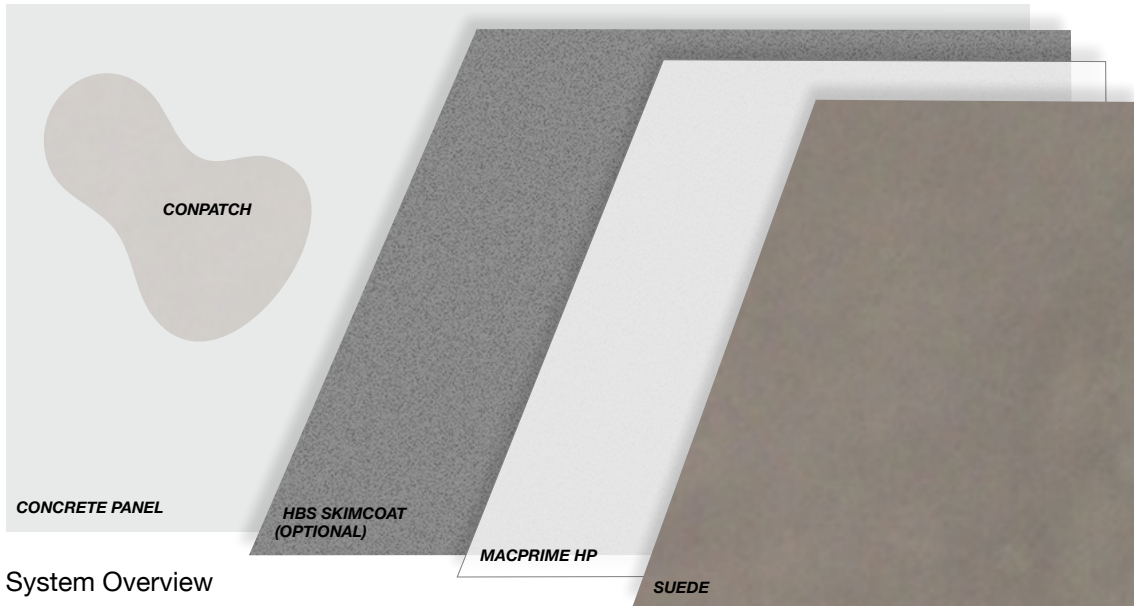


COATING SYSTEM SPECIFICATION: MCS-001-15/10

CONCRETE PANELS _SUEDE FINISH



System Overview

Materials Required

- > MAC Conpatch for patching large holes or irregularities in concrete panel surface.
- > Macrender® HBS - High bond strength base render for first render coat for patching if required
- > Macprime HP
- > Suede FC

Application Schedule (In Order Of Application)

PRODUCT	PURPOSE	SPREAD RATE / FILM THICKNESS	NOTES
MAC Conpatch	Patching deep holes in concrete panels prior to application of texture system.	Varies depending on scope of repairs.	Lightweight, with minimal sag and shrinkage. Allow to dry a minimum 48 hours prior to priming.
Macrender® HBS (Optional if levelling is required)	To be used for patching small holes (< 5 mm deep) or skim coating uneven concrete.	Apply at < 2 mm per coat. Contact MAC if higher build is required.	Optional for patching and levelling only if required. Maximum 2 mm thickness per coat. Maximum 2 coats. Allow patching and skim coating to dry a minimum of 48 hours prior to application of Macprime HP or Suede FC.

PRODUCT	PURPOSE	SPREAD RATE / FILM THICKNESS	NOTES
Macprime HP	Reduces suction, provides barrier against alkalinity/ moisture and improves coating adhesion.	Approx. 10 m ² /litre	Required only if concrete panels have been patched. Helps to reduce patchiness showing through finished Suede FC caused by uneven drying.
Suede FC	Finishing coat.	Approximately 5 m ² /15 kg when applied in 2 x 1 mm thick coats.	Can be applied in a single coat but best applied in 2 x 1 mm thick coats wet on green. Total Suede thickness should not exceed 2 mm over concrete panels.

Surface Preparation

- > Remove grease, form oils and release agents with a commercial grade detergent or concrete panel wash. If water splashed onto the concrete surface results in beading, then release agents have not been properly removed. Clean again to ensure no water beading occurs and that concrete darkens as water is absorbed.
- > Treat mould or moss with a suitable mould treatment. Remove shiny surfaces using mechanical abrasion.
- > All surfaces must be clean and free from any impurities which may adversely affect the bond strength of renders and applied finishes.
- > Remove any loose, chalky or flakey material by brushing or pressure cleaning if required.
- > Fill any holes and repair imperfections in panels with MAC Conpatch ensuring base is suitable for application of a thin base render. Allow repaired sections to dry fully before rendering.
- > Moisture content of the concrete panels should not exceed 10%. Check with a moisture meter prior to coating system application.

Control Joints

- > Control joints must be placed as per engineers recommendation.
- > Joints between panels must be caulked and must not be bridged by the render and texture coating system.

Application Of Base Render

- > Apply Macrender® HBS directly to the concrete panels at a thickness of between < 2 mm. Allow to firm up sufficiently, then float to a smooth finish ready to accept the second coat of render (if required) or either a textured finish or paint.
- > Apply a second coat of render only if a suitable finish or a minimum coating thickness of 2 mm has not been achieved with a single coat. This second coat need not be Macrender® HBS. Instead, apply Macrender® Coarse over the HBS to attain a suitable finish for a textured or painted finish.
- > Control and movement joints must be placed as per installation manual and must not be bridged by the coating system.
- > Allow rendered surface to cure for a minimum of 4 days prior to overcoating.
- > Prime with a single coat of MAC Primer and allow to dry thoroughly.

Priming

- > Priming is only required if concrete surface has been spot repaired or patched.
- > Priming of the surface will help to ensure the Suede FC dries at an even rate, minimising patchiness in the finished surface.

Finish Coat Application

- > Suede FC should not be applied directly to irregular surfaces. Patch and skim coat concrete panels if necessary to bring to a true and level surface.

- > Apply Suede FC as per product specific data sheet. Over concrete surfaces Suede FC should not exceed a total thickness of 2 mm. For best results, MAC recommends application of two 1 mm coats applied wet-on-green.

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, entrapped moisture or structural 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.

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