



TECHNICAL DATA SHEET

SHIELDCOAT ROOFBOND MEMBRANE COATING

DESCRIPTION: ROOFBOND ROOF MEMBRANE is an Ultra Premium quality 100% acrylic coating ideally suited to withstand the harsh weather conditions typically experienced in the southern hemisphere. ROOFBOND ROOF MEMBRANE will coat and protect all roof substrates from the extreme heat and storms of a northern summer to the freezing cold of a southern winter.

ROOFBOND ROOF MEMBRANE will beautify and protect your most valuable asset for many years to come. It has been engineered to significantly reduce the accumulation of dirt, and protect from chemical attack associated with pollution.

RECOMMENDED USE: Formulated and tested to ensure outstanding opacity and durability for all types of roofs including cement tiles, metal (including COLORBOND®) and asbestos roofs.

APPLICATION PROCESS: Surface must be clean, sound and dry before proceeding! Shieldcoat recommended surface preparation is crucial and is the responsibility of the Builder /Contractor/Applicator. Weather conditions must be considered and deemed suitable before proceeding. High humidity will affect drying and recoat times

TILE ROOF SURFACES

INSPECTION: Ensure the whole area is examined thoroughly and checked for loose or missing bedding, damaged tiles and fungal and algae growth. **REPAIR OR REPLACE:** Faulty tiles and defective valley irons are replaced. **CLEAN:** Apply MOULDSHIELD 'C' as per instructions. The surface must be thoroughly cleaned using a high pressure cleaner at a minimum 3000psi. **REBED:** Where necessary, ridge capping is re-bedded and broken tiles are replaced. **REPOINT:** All ridge capping is repointed using ROOFBOND Flexible Pointing. **STERILISE:** Apply MOULDSHIELD K as per instructions to protect against algal and fungal growth. **SURFACE PRIMED:** To ensure maximum adhesion the roof area needs to be thoroughly coated with SHIELDSEAL CT401 sealer/primer/filler.

FINISH COATS: Apply two coats of SHIELDCOAT ROOFBOND MEMBRANE COATING as per instructions below.

Optional: Apply one coat of SHIELDCOAT NANOPROTECT SC-96 (see NanoProtect SC-96 brochure for the many advantages of using this revolutionary protective top coat including an extended Warranty which encompasses fade and gloss loss).



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CLEAN: Apply MOULDSHIELD 'C' as per instructions. The surface must be thoroughly cleaned using a high pressure cleaner at a minimum 3000psi. Ensure flaking paint is removed to provide a sound, clean surface. **SURFACE PRIMED:** To ensure maximum adhesion the roof area needs to be thoroughly coated with SHIELDSEAL W PLUS primer/sealer. If surface rust is present or is in an area where it is likely to rust use RUSTSHIELD W instead.

FINISH COATS: Apply two coats of SHIELDCOAT ROOFBOND MEMBRANE COATING as per instructions below.

Optional: Apply one coat of SHIELDCOAT NANOPROTECT SC-96 (see NanoProtect SC-96 brochure for the many advantages of using this revolutionary protective top coat including an extended Warranty which encompasses fade and gloss loss).

ASBESTOS ROOFS (in sound condition)

Please download and read the ASBESTOS RENOVATION GUIDE available on the following link.

<http://www.deir.qld.gov.au/asbestos/resources/pdfs/asbestos-home-renovators-trades-guide.pdf>

The following is a guide only! You must seek local government advice and regulations in regard to renovating asbestos in your area. Your local government regulation supersedes this document.

SURFACE TREATED: Apply one heavy drenching coat of MOULDSHIELD K and allow 24hours to dry. **SURFACE PRIMED:** Apply one coat of SHIELDSEAL W PLUS by airless spray at a spread rate of 5m² / Litre using a 521 tip. **FILLER COAT:** Apply one coat of ROOFBOND FILLABOND by airless spray at a spread rate of 4 m² / Litre using a 521 tip size.

FINISH COATS: Apply two coats of SHIELDCOAT ROOFBOND MEMBRANE COATING as per instructions below.

Optional: Apply one coat of SHIELDCOAT NANOPROTECT SC-96 (see NanoProtect SC-96 brochure for the many advantages of using this revolutionary protective top coat including an extended Warranty which encompasses fade and gloss loss).



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TYPICAL PROPERTIES:

Colours: Wide range of factory and custom colours

Finish: Gloss / Semi-Gloss / Low sheen

Sizes: 15Ltrs

Available in: White, Light, Mid, Red, Green and Terracotta Bases

Volume solids: 50% average**

Theoretical spreading rate: Tile Roof/Asbestos roof 5 m²/ Litre Metal Roof 6 m² /Litre

Application surface temperature: 10°C to 40°C

Touch Dry: 30 minutes*

Recoat: 2 hours *

Full Cure: 10-14 days*

Drinking Water Safe: After 10 days* curing and initial rinse (rain or garden hose pressure).

Shelf life: 24 Month

*All figures are quoted at 25° Celsius and 50% Relative Humidity.

**Solid content varies depending on the Base.

APPLICATION DETAILS / GUIDE

Application method: Airless spray / Brush / Roller

Thinner: Not recommended (use Shieldcoat Hot Weather Additive sparingly)

Airless Tip Size: 521

Clean up: Water

Indicated film thickness, wet: 180 microns (WFT)

Indicated film thickness, dry: 90 microns (DFT)

Coats Required: 2 (Minimum)

HEALTH AND SAFETY

Contact Poisons Information Center on Phone: 13 11 26 or a doctor.

Ingestion: Do not induce vomiting. Give water to drink. Seek medical assistance.

Eye Contact: Flush eyes using eye baths until irritation subsides. Seek medical assistance.

Inhalation: Remove to fresh air. Seek medical assistance

Skin Contact: Wash thoroughly with soap and water. Launder clothing before reuse. Seek medical assistance if irritations persist.

Medical attention: Treat symptomatically.

First Aid Facilities: Eye Baths, safety showers.



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RECOMMENDATIONS AND PRECAUTIONS

Ensure that appropriate workplace health and safety methods and PPE are used when working with this product.

Ensure adequate ventilation when using this product.

When drinking water collection systems are in place, Shieldcoat recommends disconnecting the system prior commencing work, then allowing 10 days curing and a thorough fresh water rinse (rain or hose pressure) before reconnecting the system.

Ensure that this product is applied in full accordance with Shieldcoat recommendations.

Care and Maintenance: Protect the coating from abrasive contact for 10 days. Wash down periodically with a mild detergent solution to refresh and preserve the coating.

MSDS: Available on request or download from the Shieldcoat website. www.shieldcoat.com.au

DISCLAIMER: Shieldcoat advises that the applicator of this product is responsible to determine and verify its suitability for the intended use prior to application. The data and recommendations contained within this document were true and accurate at the time of writing.