



High Performance Paint and Coating Systems

## TECHNICAL DATA SHEET

### ROOFBOND PREMIUM

**DESCRIPTION:** ROOFBOND ROOF PREMIUM is an Ultra Premium quality 100% acrylic coating ideally suited to withstand the harsh weather conditions typically experienced in the southern hemisphere. ROOFBOND PREMIUM 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.

**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:

**Tiled roofs:** Check for any missing bedding, damaged tiles and fungal or algae growth. All damaged tiles need to be repaired or replaced. Once tiles have been appropriately rebedded or replaced, any algae growth should be cleaned. Using a high pressure cleaner with a minimum pressure of 3000 psi, Apply SHIELDCOAT MOSSY to thoroughly clean the surface. Apply SHIELDSEAL CT SEALER to promote maximum adhesion. To finish, apply two coats of ROOFBOND PREMIUM.

**Iron roofs:** Remove any flaking paint to create a clean and sound surface. Prime the roof area thoroughly with SHIELDSEAL PRIMER, or use RUSTSHIELD IRONPRIMER WB if surface rust is present or likely to occur. To finish, apply two coats of ROOFBOND PREMIUM.

**Asbestos roofs:** It is crucial to refer to the ASBESTOS RENOVATION GUIDE provided by your local government. Apply a heavy drenching coat of SHIELDCOAT MOSSY and allow 24 hours to dry. Follow this with one coat of SHIELDSEAL PRIMER applied by airless spray at a spread rate of 5m<sup>2</sup> per litre using a 521 tip. To finish, apply two coats of ROOFBOND PREMIUM.

Optionally, one coat of SHIELDCOAT NANOPROTECT can be applied for additional benefits, including an extended warranty that covers fade and gloss loss.



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**APPLICATION DETAILS / GUIDE:** Using an airless spray, brush, or roller. Thinning is not recommended for this application. If you choose to use an airless spray, it is recommended to use a tip size of 521. After application, clean up can be done with water. The indicated film thickness when wet should be around 180 microns (WFT), and once dry, it should be approximately 90 microns (DFT). It is advised to apply at least 2 coats for optimal results. Ensure proper drying time between coats and follow the manufacturer's instructions for the specific product you are using.

#### TYPICAL PROPERTIES:

Colours: Wide range of factory and custom colours

Finish: Gloss / Semi-Gloss / Low sheen

Sizes: 15Ltrs

Available in: White, Strong, Ultra deep, Red Bases

Volume solids: 50% average\*\*

Theoretical spreading rate: Tile Roof/Asbestos roof 5 m<sup>2</sup>/ Litre Metal Roof 6 m<sup>2</sup> /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 Months

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

\*\*Solid content varies depending on the Base.



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#### HEALTH AND SAFETY:

**Contact The Poisons Information Center on Phone: 0800 764 766 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.

#### RECOMMENDATIONS AND PRECAUTIONS:

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

**Ventilation:** Ensure adequate ventilation when using this product.

**Drinking water:** When drinking water collection systems are in place, Shieldcoat recommends disconnecting the system prior to commencing work, then allowing 10 days of curing and a thorough fresh water rinse (rain or garden 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.co.nz](http://www.shieldcoat.co.nz)

**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.