



High Performance Paint and Coating Systems

## TECHNICAL DATA SHEET

# THERMOBOND

**DESCRIPTION:** THERMOBOND is an Ultra Premium water based 100% acrylic high build, high solids, highly reflective roof coating. THERMOBOND does not allow the passage of heat from the sun to reach the substrate thus significantly reducing interior temperatures. It is ideally suited to withstand the harsh weather conditions typically experienced in the southern hemisphere. THERMOBOND 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. THERMOBOND will beautify and protect your most valuable asset for many years to come. THERMOBOND has been engineered to significantly reduce the accumulation of dirt and protect from the 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.

**APPLICATION DETAILS / GUIDE:** using airless spray, brush, or roller. Thinning the product is not recommended, but if necessary, Shieldcoat Hot Weather Additive can be used sparingly. When using airless spray, a tip size of 521 is recommended. Tools can be cleaned using water. The indicated film thickness when wet is 180 microns (WFT), and when dry is 110 microns (DFT). It is advised to apply a minimum of 2 coats for optimal results.



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### TYPICAL PROPERTIES:

Colours: White and pastel colours

Finish: High Gloss

Sizes: 15 Ltr

Volume solids: 60%

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

### 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.



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### 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.