



High Performance Paint and Coating Systems

## TECHNICAL DATA SHEET

### Rustshield Iron Primer WB

**DESCRIPTION:** RUSTSHIELD IRON PRIMER WB is a 'state of the art', quick drying water based acrylic anti-rust sealer/primer. It has many advantages over solvent based anti-rust systems and traditional spot priming methods, and its superior performance has been proven time and time again for more than a decade.

**RECOMMENDED USE:** RUSTSHIELD IRON PRIMER WB is used to prime and seal all surface rusted Metal roof surfaces including COLORBOND® and provides an excellent interface for either THERMABOND or ROOFBOND PREMIUM systems.

**APPLICATION PROCESS:** 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.

**CLEAN:** The surface must be thoroughly cleaned using a high pressure cleaner at a minimum 3000psi. Replace: Cut and replace all areas that have no structural integrity (areas that have rusted through or pin holed). Replace rusty screws. Make Sound: Wire brush flaking or peeling rust and/or paint. Rust Convert: Spot prime heavily surface rusted areas with a suitable rust converter and allow 24 hours to dry. Surface Primed: Apply one even coat of RUSTSHIELD IRON PRIMER WB by airless spray using a 521 tip.

**FINISH COATS:** Apply two coats of either THERMABOND or ROOFBOND PREMIUM systems as per instructions.



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#### TYPICAL PROPERTIES:

Colour: Grey

Finish: Flat

Size: 15 Ltr

Volume solids: 50%

Theoretical spreading rate: 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 Month

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

#### 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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### 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: 165 microns (WFT)

**Indicated film thickness:** dry: 82 microns (DFT)

**Coats Required:** 1 (minimum)

### 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.