



High Performance Paint and Coating Systems

## TECHNICAL DATA SHEET

### Rustshield Iron Primer SB

**DESCRIPTION:** is an aluminium coloured three component solvent based acrylic anti-rust sealer/primer/finish coat (3 in 1) designed to penetrate, seal and paint surface rusted roofs. Shieldcoat is so confident in the performance of RUSTSHIELD IRON PRIMER SB that it comes with a 7 year guarantee.

**RECOMMENDED USE:** RUSTSHIELD IRON PRIMER SB is used to prime and seal all surface rusted metal roofs including COLORBOND® and provides a fresh galvanised iron (Silver Frost) look with the added benefit of a rust inhibitor.

**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. Pre-Mix: Combine the three components together and mix well with a plunger.

**FINISH COATS:** Apply two to three coats of RUSTSHIELD IRON PRIMER SB as per instructions below.



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#### TYPICAL PROPERTIES:

**Colour:** Aluminium (silver frost)

**Finish:** Semi-Gloss

**Size:** 15 Ltr

**Volume solids:** 35%

**Theoretical spreading rate:** 7 m<sup>2</sup> / Litre

**Application surface temperature:** 10°C to 40°C

**Touch Dry:** 1-2 hours\*

**Recoat:** 4 hours \*

**Full Cure:** 10-14 days\*

**Drinking Water Safe:** Once over coated and 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

#### APPLICATION DETAILS / GUIDE:

**Application method:** Airless spray / Brush / Roller

**Thinner:** Not recommended, but if necessary use xylene thinners sparingly

**Airless Tip Size:** 519

**Clean up:** Xylene

**Indicated film thickness, wet:** 140 microns (WFT)

**Indicated film thickness, dry:** 50 microns (DFT)

**Coats Required:** 2 (minimum)



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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



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recommendations contained within this document were true and accurate at the time of writing.

