

## Introduction

CRP Primer is a high-performance, water-based corrosion resistant primer designed specifically for **rust affected metal roofing substrates**. Formulated to penetrate and stabilise prepared rusty surfaces, CRP Primer provides a strong, uniform base for subsequent Industrial Roof Coatings membrane systems.

This **white, medium-build primer** is engineered to promote excellent adhesion while improving corrosion resistance on aged and weathered metal roofs, helping to extend the service life of the overall coating system.

### What Sets It Apart?

CRP Primer is purpose-built for **prepared rusty metal surfaces**, offering superior wetting and adhesion compared to standard metal primers. Its medium-build formulation allows for effective surface sealing while maintaining compatibility with IRC membrane topcoats.

Key performance benefits include strong adhesion to mechanically prepared rusted steel, improved uniformity over variable substrates, and a consistent white finish that enhances visibility during application and inspection.

### Built for Durability and Compatibility

CRP Primer is designed to integrate seamlessly within Industrial Roof Coatings metal roof restoration systems. When applied over correctly prepared surfaces, it assists in reducing further corrosion progression and provides a stable, durable foundation for membrane coatings.

This primer is suitable for use in harsh exterior environments and is formulated to withstand UV exposure, moisture, and temperature variation once overcoated in accordance with system specifications.

### Safety is Paramount

We understand the importance of water quality, so our product is formulated to be safe for potable water collection. You can rest easy knowing that CRP Primer meets rigorous safety standards and will not compromise the water quality it encounters.

**Features, Key Advantages and Attributes**

- ✓ **15-Year Warranty**
- ✓ **Water-based** for easy cleanup
- ✓ **Same Day Recoat**
- ✓ **Eco-Friendly:** Formulated with a low VOC content, making it environmentally friendly and safe for rainwater collection after the first wash or rainfall.
- ✓ **Coverage:** Recommended six square meters per litre, available in 15-litre drums.
- ✓ **Self-Cleaning:** Resists pollution, chemical and dirt retention
- ✓ **Durability:** long-term exterior durability and water resistance

**Coating System**

Coat	Product	Spread Rate (m2/L)	WFT (Micron)	DFT (Micron)
1 <sup>st</sup> Coat	CRP Primer	6	200	110
2 <sup>nd</sup> Coat	CRP Primer	6	200	110
3 <sup>rd</sup> Coat	Roof Protect Membrane	6	167	90
4 <sup>th</sup> Coat	Roof Protect Membrane	6	167	90
			Minimum System DFT	400 micron

**Intended Uses**

CRP Primer is intended for use as a primer coat on prepared rusty metal roofing substrates, including but not limited to:

- Aged galvanised iron
- Weathered ZINCALUME®
- Pre-painted and bare steel roofs with surface rust

CRP Primer must be applied only after mechanical rust removal and surface preparation. It is designed to act as a corrosion-resistant intermediary layer between the metal substrate and the roof membrane system.

Important: CRP Primer is not a rust converter and does not replace correct rust treatment or metal repairs.

**Colour and Tinting**

Colour: White  
Finish: Uniform, opaque  
Build: Medium-build primer

**Transport**

Industrial Roof Coatings Roof Protect is not classed as a dangerous good and does not carry a placard.

Drum Size	Weight
15 Litre	~19kg

**Storage**

Best in cool areas with no direct sunlight, store above 5°C and below 40°C.  
Shelf life: 1-2 years, depending on light and storage temperature conditions.

**Health & Safety - MSDS Issue Date December 15, 2025**

Use Safety Precautions  
The product may cause an allergic skin reaction.  
Wear protective gloves/protective clothing, including eye/face protection and suitable respirator.

**Disposal**

Environmental Certifications: NIL  
Consult local authority for regional guidelines.

### Roof Preparation and Application Guidelines

Correct surface preparation is essential to the performance of CRP Primer. This product is intended for use on rust-affected metal roofing substrates that have been properly prepared prior to coating.

All visible rust must be mechanically removed by sanding, grinding, or wire brushing to remove loose rust, scale, and flaking coatings. Severely corroded or structurally compromised metal must be repaired or replaced before coating. Where required, a compatible rust treatment may be used following mechanical preparation and allowed to fully cure.

Important: CRP Primer is not a rust converter and must not be applied over untreated or active rust.

Following rust removal, all surfaces must be thoroughly cleaned to remove dust, salts, oils, grease, and other contaminants. High-pressure water cleaning (minimum 3000–4000 PSI) is recommended. Allow the roof to dry completely before application. CRP Primer must only be applied to surfaces that are clean, dry, sound, and free from contamination. Apply an even, medium-build coat by airless spray, brush, or roller, ensuring full coverage of laps, fixings, and previously rusted areas. Do not apply excessively thick coats.

Note: Disconnect all downpipes and water outlets before starting the cleaning process, and ensure you set up an appropriate water reclamation system before commencing any cleaning activities.

### Typical Properties

- ❖ Dangerous Goods Class: Not Applicable
- ❖ VOC Content: Low <90g/L
- ❖ VOC Emissions: Not Applicable
- ❖ Thinning and Dilution is not recommended
- ❖ Film thickness: recommended approx 110 microns
- ❖ Appearance: May vary depending on the colour chosen
- ❖ Odour: Low
- ❖ Specific Gravity: 1.27
- ❖ Viscosity: ~15500 mPa.S @ 22°C

### Application Guidelines – Temperature & Drying Times

Practical application rates may differ from theoretical estimates due to factors like tile porosity, application method, and environmental conditions such as wind.

- Do not apply the product if the Relative Humidity exceeds 85% or if the temperature is within 3°C of the Dew Point.
- Avoid application if the surface temperature is above 40°C or below 10°C, or expected to drop below 10°C during application or drying.
- Drying times are based on a single coat applied at the recommended rate, at 25°C and 50% Relative Humidity. Dry time will depend on the colour, ambient temperature and temperature of the tiles being painted. Dry time on dark colour tiles on a hot day and on hot tiles may be as little as 30 minutes, whereas on light colour tiles on a cool day and on cool tiles, dry time may be as much as 4 hours. Drying time for metal roofs will be slightly less, so care should be taken in hotter conditions.
- Allow for extended drying times under cool, moist, or still conditions or when applied in thick layers; otherwise, 2 hours between coats is recommended.
- Protect from dew, rain and frost for 48 hours when applied at the recommended spread rate.
- Avoid application in hot, windy conditions or on hot surfaces.

### Maintenance and Cleaning

Exterior membrane coating should be cleaned regularly to maintain the appearance and extend the lifespan of your Roof Protect Membrane coating system.

Annual cleaning will remove minor soil, grime, and airborne pollutants. A professional soft wash does form part of the warranty conditions.

### Precautions, Limitations and Warranty Conditions

#### MANUFACTURER'S GUARANTEE Includes:

- Replacement of product costs as per the original invoice and shall not exceed that of the original cost.

#### MANUFACTURER'S GUARANTEE Does NOT Include:

- Labour charges to clean, repair, or respray the roof. Normal colour fade or chalking.

#### MANUFACTURERS GUARANTEE Application Conditions:

- Thorough cleaning must be done using a suitable high-pressure water blaster of at least 3000 PSI pressure to ensure the surface is sufficiently prepared to accept a coating.
- Two coats of Roof Protect CRP Primer must be applied by an airless spray gun at the recommended coverage rate of 5-6m<sup>2</sup> per litre.
- 2 coats of Roof Protect Membrane must be applied by an airless spray gun at the recommended coverage rate of 5-6m<sup>2</sup> per litre.
- Professional soft wash of the roof must be performed every 4 years minimum (evidenced).
- Warranty is non-transferable with building ownership.

#### MANUFACTURER'S GUARANTEE is NULL and VOID if:

- Any damage is caused by extreme weather conditions or by chemicals such as chlorine or bleach.
- Any damage is caused by movement other than normal expansion and contraction.
- Any damage is caused by other works carried out on the roof during the warranty period.
- Painted over a previously painted surface.
- Defects as a result of animal activity.

#### Additional Information

This product data sheet shall be read in conjunction with the IRC Roof Protect Membrane specifications.

To ensure colour uniformity and optimum performance, the IRC Roof Protect Membrane recommends a complete coating system, including a 2 Membrane topcoats over 2 coats of CRP Primer.

For all systems, both Membrane Coats (Membrane and Base Coat), should be tinted in accordance with the Tint Guide to the specified topcoat colour (or colour as close as possible to the specified colour as product rules allow).

Important: Not all colours are suitable for exterior use.

Ensure you have adequate tinted stock to complete the job in one application.

All material must be thoroughly cross-mixed to ensure tint uniformity.

It is recommended to hold a volume of finish material for future maintenance touch-ups.

The exterior membrane coating should be cleaned on a regular basis.

This will help maintain your overall aesthetic appearance and preserve your coating system. Cleaning once every year will remove light soil, grime and airborne pollutants.

**Disclaimer**

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Unless a project-specific guideline has been provided by Industrial Roof Coatings, this document does not assure the suitability of any product or system for your specific project needs.

The information herein is given in good faith and is considered accurate at the time of its release. The performance of products and coating systems is expected to align with the details provided here, assuming the roof condition is sound, the application is performed by a skilled professional, and all preparation, application, and maintenance procedures outlined in this document are strictly adhered to.

Environmental conditions during application can influence the effectiveness and suitability of the product. Colour accuracy or matching is the sole responsibility of the person applying the product. Note that colours may fade or change over time, and Industrial Roof Coatings does not guarantee colour stability over time. To maintain colour consistency, avoid combining paint from different containers. If unavoidable, blend the paints together to ensure colour uniformity.

In cases where liability cannot be legally excluded, the liability of Industrial Roof Coatings is restricted to either resupplying the relevant products or refunding the cost of those products.