

RostGuard™ Advanced Rust Inhibitor

Latest Technology Anti-Corrosive Primer



Overview

RostGuard™ is a cutting-edge rust prevention solution designed to protect metal surfaces from corrosion. This innovative, eco-friendly formula halts corrosion while preparing the surface for over-coating, eliminating the need for abrasive rust removal when used with RostTech™ water-based trust converter. RostGuard™ is non-toxic and combines superior corrosion-inhibiting technology with a robust priming capability. It ensures long-lasting performance and enhanced adhesion for finishing coatings.

RostGuard™ is the trusted solution to effectively prevent rust creep. With its unmatched performance, it's the ideal choice for protecting your valuable assets from corrosion.

Features

- 🛡️ Inhibits and combats white and red rust, effectively preventing rust creep
- 🛡️ Is specifically formulated for South African conditions
- 🛡️ Dries quickly to a hard finish - reducing downtime during application
- 🛡️ Has excellent adhesion
- 🛡️ Has good acid rain resistance
- 🛡️ Eco-Friendly: Is low in odor, Is Zinc Phosphate free, Is nontoxic and environmentally friendly
- 🛡️ Has tested and passed over 300 hours salt spray
- 🛡️ Dual-Function Formula: Acts as a rust inhibitor and a high-performance primer, preparing surfaces for top coats while preventing corrosion.
- 🛡️ Versatile Compatibility: Works with a wide range of roofing materials, including galvanized steel, aluminum, and corrugated metal sheets.
- 🛡️ Easy Application

Key Features – What makes our product unique:

- Its dual-function design ensures your metal surfaces stay rust-free while providing a solid foundation for finishing coats.
- Is a modified acrylic bound primer that incorporates various anti-corrosive additives that has been tested and passed over 300 hours salt spray.

Benefits

- Reduces maintenance costs by extending the lifespan of metal surfaces.
- Enhances the performance and reliability of metal components.
- Protects against corrosion, rust-related damage and deterioration.
- Provides a smooth and stable base for top coatings.

Application Areas

- Is used for the priming of structural steel as well as galvanized iron.

Packaging Options

- 10Lt branded drum
- 20Lt branded drum

For more information, technical support, or custom solutions, contact RWF at 078 735 8466 or visit www.roofwallfloor.co.za



TECHNICAL DATA & INFORMATION

Application

- Apply by Brush or Spray

Thinning

- No more than 10% for spraying

Cleaning

- Clean all equipment thoroughly with water immediately after use.

Surface Preparation

Mild Steel

- Use AlgenTech™ to sanitize the roofing substrate from all grease and oil
- Sandblast steel back to bright metal, ensure all sanding dust is removed
- Apply 2 coats RostGuard™ allowing 45 minutes at 25°C to dry between coats
- Apply top coats

Previously Painted Mild Steel

- Remove all loose, peeling paint (cross-cut test) - where paint has been removed back to metal, sand metal to a bright finish and edges to scar zero
- Remove all rust, using RostTech™ Rust Converter
- Prime the exposed metal only, with 2 coats RostGuard™ - allow to dry between coats
- Apply top coats

New Galvanized Iron

- Use AlgenTech™ to sanitize the roofing substrate from all grease and oil
- Remove all rust from galvanized iron surface, using RostTech™ Rust Converter
- Apply 1 coat RostGuard™
- Apply top coats

Previously Painted Galvanized Iron

- Remove all loose, peeling paint (cross-cut test) - where paint has been removed back to bare metal, sand metal to a bright finish and edges to scar zero
- Remove all rust, using RostTech™ Rust Converter
- Apply 1 coat RostGuard™ to areas where rust was converted – allow to dry
- Apply 1 coat RostGuard™ to all exposed galvanizing, resulting in 2 coats where rust was converted
- Apply top coats

TECHNICAL DATA & INFORMATION

Product Data	Vehicle Type	Modified Acrylic
	Solvent	Water
	Enviro Rating	18.5 g/L
	Elongation	Conforms to Greenstar rating for steel priming Good
	Pigment	Red Oxide
	Appearance	Red Emulsion Paint
	Solids Volume	+/- 41%
	Flexibility	Good
	Finish	Matt
	Coat ability	Over and/or top coat of choice (see notes)
	Resistance to Water	Good
	Drying Time	+/- 45 minutes per coat at ideal 25°C
	Active Ingredients	Anti-Corrosive additives
	Theoretical Spread Rate	Primed Steel 10m ² /L
	Recommended Dry Film	100 microns WET FILM
		40 microns per coat DRY FILM
Caution	Safe, Non-toxic, Non-Flammable	
Storage	Keep stored in cool, dry conditions and away from children. Freeze Thaw – Passed Accelerated Stability – Passed	
Notes	- RostGuard™ is not suitable for overcoating with epoxy or nitro cellulose based top coats - For solvent based top coats, allow the complete RostGuard™ system 24 hours to dry (in ideal weather) before over coating.	

DISCLAIMER

RubberTech™ cannot be held liable if the product fails due to improper surface preparation or application.