

# RG-100 Rust Inhibiting Primer

## Product Description

Roof Guardian Technologies (RGT) RG-100 Rust Inhibiting Primer provides tough, rust inhibiting performance of zinc-chromate but is lead and chromate free. This product meets Federal Specification TT-P-636D.

## Basic Use

High quality rust inhibitive primer for all types of metal surfaces, including iron and steel, where corrosion is a problem. Provides an excellent adhesion base for RGT finish coats.

## Limitations

Do not apply below 50°F (10°C) or when rain is forecast. Surfaces must be completely dry.

## Technical Data

Vehicle Base	Alkyd
Weight per Gallon	10.9 lbs
Viscosity at 77°F (25°C)	76-80 KU
Flash Point (open cup)	104°F (40°C) Min
Solvent	Mineral Spirits
Solids by Weight	63 ± 2%
Solids by Volume	42 ± 2%
VOC	340 ± 10 g/L
Dry Film Thickness (@ 250 sq. ft./gal., less surface absorption)	2.5 mil
Dry Time To Touch To Coat	2-5 hours 18-24 hours
Clean Up	Mineral Spirits

## Surface Preparation

Remove existing rust by wire brushing and power washing. Be sure surface is free of rust, loose mill scale, grease, dirt and other foreign materials before applying primer. Severely rusted panels should be replaced. A good practice is to clean only what can be primed that same day.

## Application

Mix thoroughly prior to and during application. Apply using a soft brush, roller or spray equipment. For airless spray use a .015" to .023" tip, and equipment capable of maintaining 2000 – 2500 psi.

For conventional spray use Graco 210-961 Series A or equivalent with .070" cap and .061" needle at 40-50 psi. DO NOT THIN.

## Coverage

Apply at 250 sq. ft./gallon (.163 L/sq. m).

**Note:** Coverage may vary depending on the actual condition of the surface. The coverage rates shown are intended as minimum application recommendations. Over corrugated and irregular metal surfaces, allow for additional surface area by multiplying total square feet by 1.15.

Do not re-coat with Aliphatic Urethane due to possible film lifting. Do not use on new galvanized metal. Must be topcoated.

## Maintenance

It is recommended that the coating installation be checked on a regular maintenance schedule. Small area touch ups can be made at any time following recommended application procedures.

## Technical Services

Technical advice on use of material for specific application and end use requirements is available from the manufacturer. Material Safety Data Sheet (MSDS) should be consulted for further information. This product is for industrial and professional use only.

## Packaging

5 gallon pails (18.9 liters)

## Warranty

This product is manufactured of good materials and by competent workmen. Seller's and manufacturer's only obligations shall be to replace such quantity of product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising from the use or the inability to use the product. Before using, user shall determine the suitability of the product for his/her intended use; and user assumes all risk and liability.