



# RG-130 Gray Elastomeric Base Coat

## Product Description

RG-130 Gray Elastomeric Coating is formulated using a 100% Acrylic Polymer base that provides outstanding adhesion. Formulated to resist cracking and peeling, RG-130 Gray Elastomeric Coating provides excellent waterproofing capabilities.

## Basic Use

RG-130 Gray Elastomeric Coating will provide a highly elastic, weatherproofing barrier over metal (including aged galvanized and pre-painted metals), urethane foam, concrete, smooth BUR, modified bitumen, granular cap sheets and other approved surfaces.

## Limitations

Do not apply below 50°F (10°C) or when rain is forecast. Applications during periods of low temperature or high humidity will extend dry time. Allow 4 – 6 hours for coating to dry prior to being subjected to rain, heavy dew or temperatures below 50°F. **KEEP FROM FREEZING**

## Technical Data

Vehicle Base.....	100% Acrylic Resin
Weight per gallon (approx.).....	11.7 lbs.
Solids by weight (ASTM) (2369).....	66 ± 2%
Solids by volume.....	52 ± 2%
Viscosity @ 77°F (25°C).....	110 ± 5KU
Elongation.....	300% at 75°F (24°C)
.....	165% at 0°F (-18°C)
Tensile Strength at 77°F (25°C) .....	250 psi
Dry film thickness.....	8.3 mils
(@ 1 gal. /100 sq. ft./gal. (4.075 L/sq.) less surface absorption)	
Permeability (ASTM E-96).....	5 perms
Dry Time Sets to touch.....	1 hour
Between Coats.....	24 hrs minimum
pH.....	8.5 ± 0.5
Specific gravity.....	1.41
Flash Point .....	None
VOC .....	< 50 g/l
Solvent.....	Water
Clean Up.....	Warm, soapy water

## Surface Preparation

All surfaces must be power washed to remove all dirt, loose paint and rust, excessive chalk, and other foreign matter, which could prevent proper adhesion. All silicone-based products must be removed.

**IMPORTANT:** Where ponding water conditions persist beyond 48 hours, roof drains or other corrective measures must be installed to eliminate water build-up prior to coating the roof.

For the following substrates refer to system specification for detailed application procedures.

**Metal Roofs:** Remove all loose rust and prime areas where existing rust was cleaned using Rust Inhibiting Primer RG-100. Replace loose and/or missing fasteners. Repair defective seams, small holes, flashings around roof curbs and skylights with UT-40 Universal Tape® or RG-110 Flashing Compound. Stacks and areas behind penetrations where water may stand must be modified to shed water.

**NOTE:** New metal roofs contain residual oils from the manufacturing process of the panels. Allow the roof to weather six months before coating. Otherwise, etch panels using a mild acid solution or use an industrial degreaser such as Simple Green®.

**Built-Up/Modified Bitumen:** Power wash entire surface. Repair any blisters, open seams, splits, and flashings with PF-1000 Polyester Fabric and RG-110 Flashing Compound or UT-40 Universal Tape®. Prime entire roof surface with RG-300 BUR/MB Acrylic Primer.

**Polyurethane Foam:** Power wash previously coated urethane foam surfaces to remove all chalk and loosely adhered materials. Repair all cracks and holes with RG-110 Flashing Compound reinforced with PF-1000 Polyester Fabric before coating. Deteriorated foam must be removed and area re-foamed. New surfaces require no cleaning and should be coated within

the time frame recommended by the foam manufacturer.

**NOTE:** Previously coated foam must be checked as to type of coating. RG-130 Gray Elastomeric Coating will not adhere to silicone-based coatings.

**Concrete:** Powerwash the entire surface. Coat the area with RG-130 Gray Elastomeric Coating. Repair cracks and any weakened section of concrete using RG-110 Flashing Compound reinforced with PF-1000 Polyester Fabric or UT-40 Universal Tape®. Apply a second coat of RG-130 or RG-170 Elastomeric Coating.

## Application

Apply with a soft brush (avoid excessive brushing), roller or airless spray. If using airless spray equipment, recommended air pressure of 2,000 at the tip, tip size of .35 - .45, and hose size 3/4" to 1/2". This product has excellent suspension and requires minimal stirring. If the roof is hot, spray mist with water to prevent the coating from drying too fast. May be applied over hand damp, not wet to the touch, surfaces. **DO NOT THIN.**

## Coverage

See appropriate System Specification for particular coverage rates.

**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.

## 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

55 gallon drums (208.2 liters)

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.

**ROOF GUARDIAN TECHNOLOGIES, INC. by STS**

347 Hwy 289, Comfort, TX 78013

(830)995-5177 phone (830)995-5705 fax

[WWW.ROOFGUARDIANTECH.COM](http://WWW.ROOFGUARDIANTECH.COM)

**A CERTIFIED TEXAS HUB MANUFACTURER**