

# RG-300 Modified Bitumen Acrylic Primer

## Product Description

Roof Guardian Technologies (RGT) RG-300 Modified Bitumen Acrylic Primer is a light blue, rubber modified, hydrophobic acrylic primer.

## Basic Uses

RG-300 Modified Bitumen Acrylic Primer is an excellent primer/basecoat for RGT Elastomeric Roof Coating. It is designed to provide outstanding adhesion over asphalt surfaces, even under damp conditions. It also acts as a barrier to asphalt bleed through and staining. Ideal for use over modified bitumen.

## 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 primer to dry prior to being subjected to rain, heavy dew or temperatures below 50°F. Must be top-coated within 30 days. **KEEP FROM FREEZING**

## Technical Data

Vehicle Base	Rubber Modified Acrylic
Weight per gallon	10.5 lbs
Solids by weight (ASTM 2369)	60 +/- 2%
Solids by volume	50 +/- 2%
Viscosity ASTM D 562	110 – 120 KU
Permeability (ASTM E-96)	5 perms
pH	8.5 +/- .05
Specific gravity	1.26
Flash Point	None
VOC	< 50 g/l
Tensile Strength @ 75°F	200 psi
Dry film thickness (@ 1 gal. /100 sq. ft./gal. less surface absorption)	8.3 mils
Dry Time - sets to touch	1 hour
Between coats	24 hr min.
Solvent	water
Clean up	Warm soapy water

## Surface Preparation

Power wash surface to remove all dirt and other foreign matter that could prevent proper adhesion. Repair all cracks, splits and other problem areas with UT-40 Universal Tape® or RG-110 Flashing Compound. **Note:**

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.

## Application

RG-300 MB Acrylic Primer may be applied with a soft bristle brush (avoid excessive brushing), roller or airless spray (tip size .27-.33). This product has excellent suspension and requires minimal stirring. If the surface is hot, mist with water to prevent the coating from drying too fast. May be applied over damp, not wet, surfaces. Allow a minimum of 24 hours or when surface can be walked on without damaging primer before application of elastomeric coatings.

## Coverage

Apply 1 gal./100 sq. ft. (.41 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. See appropriate System Specification for particular coverage rates.

## Technical Services

Technical advice on use of material for specific application and end use requirements is available from the manufacturer. Material Safety Data Sheets (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.

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