

# PG 2050 AC BLEED RESISTANT BASE COAT

## BLEED RESISTANT, GENERAL PURPOSE ELASTOMERIC COATING

### FOR PROFESSIONAL USE ONLY

#### PRODUCT DESCRIPTION

PG 2050 is a premium 100% acrylic copolymer bleed resistant coating designed to be used as base coat to insure that asphalt oils do not bleed through and discolor top coats. It is designed to restore and extend the life of both new and existing modified bitumen, cap sheet, built up asphalt roofs and single ply roofs.

- Designed to provide maximum adhesion and bleed-through resistance over smooth asphalt.
- Designed to tolerate some standing water when reinforced with fabric.
- May be used over smooth or granulated substrates.
- Adheres to most Alumized coatings (Adhesion should be verified prior to application)
- Formulated to act as a barrier to block discoloration.
- Has the unique ability to “breathe”, providing a completely watertight membrane while allowing trapped moisture to escape.

#### PERFORMANCE CHARACTERISTICS

- Exceptional resistance to weathering
- Designed to be applied by brush roller or airless spray
- Excellent adhesion to most surfaces
- Unique ability to breath, providing a watertight membrane while allowing trapped moisture to escape.
- Bleed blocker

#### COLORS

Standard Colors: White, Gray and Tan

Special Colors are available for an additional charge.

#### PACKAGING/SHIPPING INFORMATION

CONTAINER SIZE	SHIPPING CLASS
55 Gallon drum (208.2 liters)	Class 55
5 Gallon pail (18.9 liters)	Class 55

#### SURFACE PREPARATION

**General:** Surfaces to be coated should be dry, free of dust, dirt, oil, loose granules, gravel, peeling coating and other foreign matter. All wet insulation or foam should be removed and replaced with like materials. For optimal results power wash all surfaces with a minimum of 2200 psi using a wide fan tip. All necessary precautions should be taken to avoid damage to the roof system. Mildew should

### PHYSICAL PROPERTIES

PROPERTIES	TEST METHOD	RESULT
Volume solids	ASTM D-1653	55.0 ± 3%
Weight Solids	ASTM D-1644	68.4 ± 3%
Tensile Strength	ASTM D-2370	310 ± 20 psi
Elongation	ASTM D-2370	315 ± 20%
Permeability	ASTM D-1653	9 ± 1
VOC	EPA Method 24	< 50 g Liter
Hardness (Shore A)	ASTM D-2240	55 - 60
Viscosity		80 ± 10 KU
Density		11.9 lbs per gallon
Flashpoint		None
Shelf Life		12 months
Clean Up		Water

#### MEETS REQUIREMENTS FOR ASTM D6083 ACRYLIC ELASTOMERIC ROOF COATING

be treated with a bleach solution (1 part Bleach, 2 parts water) and rinsed thoroughly. Patch and repair cracks or holes with appropriate sealants or caulking materials.

### APPLICATION

This product may be brushed rolled or sprayed on a clean, dry surface. For details see Equipment Recommendations at the end of this sheet. Before applying additional coat, the previous coat must be completely dry and cured. If any contamination is present on the cured surface it must be washed and completely dry before application of subsequent coats.

### APPLICATION PROPERTIES

Yield (1 gal to 100 sq ft)	8.8 dry mils
Dry Time (75° F)	90 mins @ 50% humidity
Recoat window	>6 hrs
Complete Cure	30 days

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### COVERAGE RATE:

Apply PG 2050 AC Bleed Resistant Base Coat at the rate of 1.5 gallons per 100 sq. ft. (24 wet mils). Surface texture and wind will affect applied mil thickness.

### ENVIRONMENTAL CONDITIONS

This product cures by water evaporation only. Product must not be applied when the ambient temperature is below 50°F or if there is any possibility it could fall below 32°F within 24 hours of application. Application is not recommended if rain or dew is likely to occur before product dries. In high humidity conditions late afternoon applications should be avoided as overnight dew formation on uncured surface can cause coating wash-off. On marginal days, multiple applications of thin coats can ensure proper drying before rain or overnight freezes.

### PONDED WATER

- ProGuard Group warranties do not cover damage due to ponding water.
- The National Roofing Contractors Association considers ponding water on any roof unacceptable. (See the NRCA Roofing and Waterproofing Manual).

### LIMITATIONS

Surface must be clean and dry. Application is not recommended on roofs with slopes less than 1/8 in 12 or where ponded water is present. Do not apply over wet substrates or when inclement weather is imminent. Complete cure of ProCoat AC Bleed Resistant Base Coat requires complete evaporation of water. Cool temperatures and high humidity retard cure. In addition, this product is not recommended for use without a vapor barrier in cryogenic tank or cold storage roofing applications. It is not intended as a thermal barrier.

### SAFE PRACTICES

This product is designed for professional installation. Before working with this product, you must read and become familiar with the available information on its risks, proper use and handling. Information sources include but are not limited to MSDS and product labels. More resources are available at [polyurethane.org](http://polyurethane.org), [sprayfoam.org](http://sprayfoam.org), [everestsystemsco.com](http://everestsystemsco.com) or by contacting ProGuard Group directly.

### APPLICATION EQUIPMENT

ProGuard Acrylics may be applied by brush, roller or airless spray.

**Brush:** Synthetic filament

**Roller:** 1/4" nap roller

**Airless Spray:** Equipment capable of maintaining a minimum of 0.027" or greater orifice tips with 2,300 PSI at the tip. Filter screens should be thirty-mesh or larger.

Contact your ProGuard Group representative for specific recommendations, pricing on airless equipment.

To the best of our knowledge, all technical data contained herein is true and accurate as of the date of the issuance and subject to change without prior notice. User must contact PROGUARD GROUP (PGG) to verify correctness before specifying or ordering. We guarantee our product to conform to the quality control standards established by PGG. We assume no responsibility for coverage, performance or injuries resulting from use. Liability if any, is limited to replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY CFS EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

