

TECHNICAL PRODUCT INFORMATION

Storm Breaker Acrylic Roof Coating Premium Grade (PG) is a premium, high quality, single part acrylic elastomeric roof coating, uniquely formulated for the protection of and adhesion to a wide variety of roofing substrates. The proprietary formulation produces a seamless, flexible, and durable membrane with exceptional weatherability and ultraviolet resistance to extend the life of new and existing roof systems. Storm Breaker Acrylic Roof Coating PG has all the versatility of our Contractor Grade product with a higher solids content, improved sag resistance, as well as a higher tensile strength and elongation.

FEATURES & BENEFITS

Storm Breaker Acrylic Roof Coating PG can be applied to many types of roofing systems, including, but not limited to the following:

- Single ply roofing (may require primers or special precautions)
- Concrete and cementitious stucco
- Smooth or granulated modified Bitumen
- Built-up roofing (BUR)
- Spray polyurethane foam (SPF)
- Rigid coverboards
- Exterior grade plywood

PACKAGING

Storm Breaker Acrylic Roof Coating PG is available in white in 5-gallon pails (36 pails / pallet).

STORAGE & HANDLING

Keep container tightly closed and in a dry and cool place. Storm Breaker Acrylic Roof Coating PG is a water based material which will freeze and become unstable at temperatures below 32°F (0°C). Always protect from freezing during shipment and while in storage. Do not store materials below 45°F (7.2°C).

When stored in the original, unopened container between 40°F (4.4°C) and 100°F (37.8°C), the recommended shelf life is 12 months from the date of manufacture.

APPLICATION

The surface to be coated must be clean, dry, and sound, as well as free of dirt, moisture, oils, algae, or other contaminants that may interfere with good adhesion. Carefully remove any loose material from the surface with a wire brush or scraper. Grease and oil should also be removed with environmentally safe solvents or an appropriate cleaner. In most cases, a high

pressure water blast will be sufficient to prepare the surface. With all coatings, proper preparation is key to yielding the optimal results. BITEC always recommends adhesion testing prior to starting any roof coating jobs.

Product application should be suspended immediately and our technical service personnel contacted if the results being obtained are less than desirable.

Do not apply Storm Breaker Acrylic Roof Coating PG at temperatures below 50°F (10°C). Do not apply Acrylic Roof Coating PG over wet substrates or when inclement weather is imminent. For best results, avoid applying Acrylic Roof Coating PG to metal areas with visible oxidation or areas with existing caulking. These areas may require special cleaning or primers prior to application of this product.

Ensure that the roof has positive drainage prior to application of Storm Breaker Acrylic Roof Coating PG. This product is not intended for use in areas where standing or ponding water occurs.

For best results, the temperature of the ambient air and the substrate should be within a range of 50° - 90°F (10° - 32.2°C). In average conditions, the cure time is between 1 to 4 hours and the re-coating window is at least 6 hours. For applications in direct sunlight or in higher temperatures, expect shorter cure times.

Apply Storm Breaker Acrylic Roof Coating PG at the rate of 1.5 gallons per 100 ft² to achieve approximately 24 wet mils. As with most acrylic based products, multiple thin passes to achieve a total thickness is preferred over individual thicker coats. Use of thinner with Acrylic Roof Coating PG is not recommended.

Storm Breaker Acrylic Roof Coating PG can be applied by medium nap rollers, soft brushes, or high pressure airless spray equipment. For airless spray application, BITEC recommends equipment capable of 2,000 to 3,000 psi.

For project specific primer recommendations and substrate preparation, please see BITEC Application Bulletins or contact our Technical Services Department.

PRECAUTIONS

As with all chemicals, avoid getting this product on you or in



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you. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Avoid breathing vapors / mists generated by this product. Use in a well-ventilated location. Remove contaminated clothing immediately.

Safety first! Read all label information, SDS, and precautions before using. For safety information on our products, please visit www.bitec.com.

Technical Schedule	
Yield per Gallon (100 ft ²)	8.5 dry mils
Viscosity (KU)	100-115
Solids Volume (ASTM D2697)	53% +/- 2%
Solids Weight (ASTM D1644)	67% +/- 2%
Elongation (ASTM D2370)	388% +/- 25%
Tensile Strength (ASTM D2370)	288 +/- 50 psi
Tear Strength (ASTM D624)	87 lbf / in
Permeance (ASTM D1653)	14 +/- 2 perms
Water Swell (ASTM D471)	11 +/- 1
VOC	<50 g / L
Density (ASTM D1475)	11.95 +/- 0.20
Fungi Resistance (ASTM G21)	Pass
Accelerated Weathering (ASTM 4798)	Pass
Adhesion (ASTM D903)	Pass
Low Temperature Flexibility (ASTM D522)	Pass

All information is given in good faith but normal tolerances of manufacture and testing will apply. BITEC reserves the right to improve and change its products at any time without prior notice or advice. The use of BITEC products is determined by local conditions and individual requirements of each contract. In consideration of the many factors involved, BITEC cannot be held responsible for the application of its products and for conditions beyond its control. All claims filed against BITEC warranties will be subject to the provisions set forth at the date of the warranty issuance, and any addendum thereto. Under no circumstances will BITEC be held liable for any damage, whether personal injury or property damage, which occur during or after the application of any BITEC products.

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