

Storm Breaker™ Acrylic Sealer

TECHNICAL PRODUCT INFORMATION



Storm Breaker Acrylic Sealer is a high quality, high solids, water based elastomeric seam sealer, designed to bridge and seal abnormal roof penetrations where standard coatings are unable. Acrylic Sealer has excellent weatherability and ultraviolet resistance, as well as offering a flexible, durable sealer with excellent resistance to mechanical or chemical attack. Acrylic Sealer is suitable for use on a wide variety of roofing substrates as both a repair product or as part of the Storm Breaker Acrylic Roof Coating system.

FEATURES & BENEFITS

Storm Breaker Acrylic Sealer offers many benefits:

- Can be used on smooth and granulated BUR, modified bitumen, metal roofing, single ply (primer or special precautions may be required), concrete, stucco, plywood, rigid coverboards, and spray polyurethane foam.
- Single component material, ready to use
- Thick, mastic grade material can be used where other coatings are too thin
- Convenient package size makes for portability and ease in performing repairs
- Cures at normal temperature in approximately 1 to 4 hours

PACKAGING

Storm Breaker Acrylic Sealer is available in white in 2-gallon pails (60 pails / pallet).

STORAGE & HANDLING

Keep container tightly closed and in a dry and cool place. Storm Breaker Acrylic Sealer 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 at temperatures below 45°F (7.2°C).

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 Sealer at temperatures below 50°F (10°C) or if there is a chance of temperatures falling below 32°F (0°C) within a 24 hour period. Do not apply Acrylic Sealer over wet substrates or when inclement weather is imminent.

For best results, avoid applying Storm Breaker Acrylic Sealer 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.

Storm Breaker Acrylic Sealer may be applied by brush or with a trowel. For cracks or bridges exceeding 1/4", BITEC recommends using either Storm Breaker Butyl Seam Tape or Storm Breaker Reinforcing Fabric with Acrylic Sealer (may be applied to the surface and allowed to set up prior to tape application).

While application rates may vary considerably with repairs, Storm Breaker Acrylic Sealer should be applied at a general rate of 1.5 gal / 100 ft² (24 wet mils). Surface texture and wind will affect applied mil thickness.

For sealing of roofing fasteners, one gallon of Storm Breaker Acrylic Sealer will typically encapsulate 300 to 350 fasteners.

PRECAUTIONS

As with all chemicals, avoid getting this product on you or in 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	
Viscosity (Brookfield)	800,000 - 1,000,000
Solids Volume (ASTM D 2697)	53% +/- 2%
Solids Weight (ASTM D1644)	68% +/- 2%
Elongation (ASTM D412)	350% +/- 25%
Tensile Strength (ASTM D412)	400 +/- 50 psi
Solar Reflectance (ASTM C1549)	0.84
VOC	<50 g / L
Density (ASTM D1475)	12.15 +/- 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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