

Acrylic Flashing Compound

TECHNICAL PRODUCT INFORMATION



Storm Breaker Acrylic Flashing Compound is a white-pigmented, high quality, high solids, water based elastomeric flashing compound, designed to bridge and seal roof penetrations where standard coatings are unable. Acrylic Flashing Compound is flexible, durable, and provides excellent weatherability, UV resistance, and resistance to mechanical stress. Acrylic Flashing Compound 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 Flashing Compound also provides the following features and benefits:

- Compatible with the following substrates: metal, concrete, TPO, PVC, and EPDM single ply membranes, granule- or smooth-surface modified bitumen, asphalt built-up roofs (BUR), existing acrylic or silicone coatings (if well-adhered), and sprayed polyurethane foam (SPF)
- Single component material, ready to use
- Thick, mastic grade material can be used where coatings may lack sufficient viscosity
- Convenient package size makes for portability and ease in performing repairs

PACKAGING

Packaging: 2-gallon pails

Quantity per pallet: 60

Pallets per truckload (typical): 18

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 proper 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 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 Flashing Compound 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 Flashing Compound over wet substrates or when inclement weather is imminent.

For best results, avoid applying Storm Breaker Acrylic Flashing Compound 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 Flashing Compound 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 Flashing Compound. Acrylic Flashing Compound may also be applied to the substrate and allowed to set up prior to tape application.

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

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

Please refer to the BITEC Storm Breaker Products Installer's Guide for detailed application guidelines.

As with any roofing project, good roofing practices should always be followed.

STORAGE & HANDLING

Store materials locked up and in a well-ventilated, dry, and temperature conditioned location. Keep containers tightly closed to avoid contamination. Storm Breaker Acrylic Flashing Compound 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). When stored in the original unopened container between 45°F (7.2°C) and 90°F (32.2°C), the recommended shelf life is 12 months from the date of manufacture.

PRECAUTIONS

Storm Breaker Acrylic Flashing Compound is not recommended for structural glazing, application in confined areas without proper ventilation, or joints under constant water submersion. Storm Breaker Flashing Compound should be used and stored in a well-ventilated location. Avoid breathing of vapors or mist and contact with eyes, skin, or clothing.

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

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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 (EPA-24)	<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
Cure Time	1-4 hours

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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