Silicone Flashing Compound

TECHNICAL PRODUCT INFORMATION

Storm Breaker Silicone Flashing Compound is a 100% silicone, low VOC, single part elastomeric flashing compound, specifically designed for use in flashing roof penetrations, fasteners, curbs, and seams, as well as any other details, as necessary, to prevent water infiltration. Silicone Flashing Compound is the optimal choice for any roof system that has been previously coated with a silicone elastomeric roof coating. Once applied, this product provides a durable, seamless, and flexible system that resists lateral movement and shear, where normal expansion and contraction tolerances are maintained by the original roof system design.

FEATURES & BENEFITS

Storm Breaker Silicone Flashing Compound also provides the following features and benefits:

- Can seal abnormal roof penetrations that cannot be covered with standard spray- or roller-applied coatings
- Low odor and low VOC
- Fast moisture cure
- Superior adhesion to a variety of substrates

PACKAGING

Packaging: 20-oz sausage tubes, 1-gallon pails, and 2-gallon pails

Quantity per pallet: 120 1-gal pails, 60 2-gal pails

Pallets per truckload (typical): 18

Colors: Black, gray, white, and translucent

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 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.

For best results, Storm Breaker Silicone Flashing Compound should not be applied in temperatures above 120°F (48.9°C). For cold weather application, store material above 65°F (18.3°C) prior to use.

Storm Breaker Silicone Flashing Compound can be applied with a brush, trowel, or putty knife. Coverage rates vary with the specific job being performed. At 77°F (25°C) and 50% relative humidity, tack free time should be between 1-2 hours and a full cure (assuming 1/8” depth) should be between 16-18 hours. As with all flashing grade materials, these times can change drastically due to the wide variety of applications that are possible with this material.

While application rates may vary considerably with repairs, Storm Breaker Silicone 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.

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. Store materials away from heat and sources of ignition. When stored in the original, unopened in temperatures between 40°F (4.4°C) and 90°F (32.2°C), the recommended shelf life is 24 months from the date of manufacture.

PRECAUTIONS

Storm Breaker Silicone Flashing Compound is not recommended for silicone structural glazing, application in confined areas without proper ventilation, or joints under constant water submersion.

Storm Breaker Silicone Flashing Compound should be used and stored in a well-ventilated location. Avoid breathing of vapors or mist and prevent 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 PRODUCT INFORMATION

Technical Schedule	
Elongation (ASTM D-412)	379
Tensile Strength (ASTM D-412)	235 psi
Solids (ASTM D-2697-3)	92% +/- 3
Tack Free Time (ASTM C-679)	1-2 hours
Cure Time	16-18 hours
VOC (EPA-24)	<50 g / L

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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