

Storm Breaker™ Silicone Sealant

TECHNICAL PRODUCT INFORMATION



Storm Breaker Silicone Sealant is a 100% silicone, low VOC, single part silicone elastomeric flashing grade sealant, specifically designed for use in sealing roof penetrations, curbs, seams, flashing areas, as well as any other roof areas of water infiltration. Silicone Sealant is the optimal choice for any roof system that has been previously coated with a silicone elastomeric roof coating. Once applied, this silicone flashing grade provides a durable, seamless, and flexible system that resists lateral movement, shear, and will allow for normal expansion and contraction.

FEATURES & BENEFITS

Storm Breaker Silicone Sealant offers many benefits as part of the Storm Breaker Silicone Roofing system and beyond:

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

PACKAGING

Storm Breaker Silicone Sealant is available in 20-oz sausage tubes, 1-gallon, and 2-gallon pails. All sizes are available in black, gray, white, and translucent.

STORAGE & HANDLING

Store in a cool place in original container and protect from sunlight. Keep from freezing. If freezing occurs, warm and mix well before using. When stored unopened and in temperatures between 50°F (10°C) and 90°F (32.2°C), Storm Breaker Silicone Sealant has a recommended shelf life of 24 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.

For best results, Storm Breaker Silicone Sealant 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 Sealant 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.

PRECAUTIONS

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

Storm Breaker Silicone Sealant 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 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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