

Silicone Surface Filler

TECHNICAL PRODUCT INFORMATION



Storm Breaker Silicone Surface Filler is a 100% silicone coating that was designed to be used as a surface leveler on roofing projects in which the surface is too rough or uneven to apply a roof coatings. After application, Silicone Surface Filler will settle into the lowest points on the roof, providing a smoother surface for application of the top coat. In addition, to help differentiate the materials during application of the top coat, Silicone Surface Filler is red in color.

FEATURES & BENEFITS

Storm Breaker Silicone Surface Filler also provides the following features and benefits:

- Red tinted for ease of use
- Single part product, ready to use
- High solids content, 100% silicone coating
- Helps in leveling gravel BUR, smooth surface (including "alligatored") BUR, granular modified bitumen, and concrete roofs.

PACKAGING

Packaging: 5-gallon pails, 50-gallon drums, and 250-gallon totes

Quantity per pallet: 36 5-gal pails and 4 50-gal drums

Pallets per truckload (typical): 18 (or 11 250-gal totes)

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.

Storm Breaker Silicone Surface Filler is a dispersion of silicone rubber. This coating is a single part, ready to use material that can be applied easily to a dry, frost-free surface, and cures at normal temperature and humidity in 4 to 48 hours (depending on thickness) by reacting with moisture in the air. For applications with lower than normal temperature and humidity levels, expect the cure time to be longer.

Apply Silicone Surface Filler with a standard heavy duty airless spray unit at a rate of 3-6 gallons per 100 ft², depending on

surface texture. Use short, overlapping passes to ensure the entire surface is coated and there are no voids in the surface.

If doing roller application, apply Silicone Surface Filler with a medium to heavy nap roller. Pour material onto the surface and use the roller to spread material into all cracks and crevices. When using the roller application method, anticipate using additional materials to fill all voids. Installing by roller will also likely cause some of the rock to become dis-embedded, which will need to be removed prior to installing the Storm Breaker HB Silicone Roof Coating top coat.

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

Keep container tightly closed and in a well-ventilated, dry, and temperature conditioned location. When stored unopened and in temperatures between 40°F (4.4°C) and 80°F (26.7°C), the recommended shelf life is 12 months from the date of manufacture.

PRECAUTIONS

Always protect Storm Breaker Silicone Surface Filler from freezing temperatures. Always follow best practices when deciding if the current weather conditions are conducive to a good installation. Avoid breathing vapors / mists generated by this product and always use in a well ventilated location.

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

Silicone Surface Filler

TECHNICAL PRODUCT INFORMATION



Technical Schedule	
Appearance	Red
Solids Content, Percent by Volume (ASTM 2697)	95.6% +/- 2%
Weight Per Gallon (ASTM D 1475)	10.3 lbs / gal
Permeance Rating (ASTM E96)	4.1
Clean Up	Mineral spirits
VOC	<50 g / L
Viscosity (ASTM D2196)	3,000-5,000 cps
Shelf Life	12 months

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.

BITEC, Inc.
PO Box 497
#2 Industrial Park Dr
Morrilton, AR 72110
Phone: (800) 535-8597
Fax: (501) 354-3019
www.bitec.com



Copyright BITEC, Inc.
Revision Date 12/2025



WHEN QUALITY MATTERS™