

Storm Breaker™ 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 offers many 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

Storm Breaker Silicone Surface Filler is available as a red 100% silicone coating product, packaged in 5-gallon pails (36 pails / pallet), 50-gal drums (4 drums / pallet), and 250-gal totes (11 totes / truck).

STORAGE & HANDLING

Keep containers tightly closed and in a cool, dry location. When stored unopened and in temperatures between 40°F (4.4°C) and 80°F (26.7°C), Silicone Surface Filler has a recommended shelf life of 12 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.

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.

PRECAUTIONS

Always protect Storm Breaker Silicone Surface Filler from freezing temperatures. Always follow good roofing 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.

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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

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