

Silicone Skylight Coating

TECHNICAL PRODUCT INFORMATION



Storm Breaker Silicone Skylight Coating is a single component, moisture curing silicone coating, specially designed to provide long term protection for existing fiberglass skylights. Silicone Skylight Coating resists weathering, aging, oxidation, wind driven sand, rain, and snow, as well as the effects of ozone, UV radiation, and the temperature extremes that are typically found on roofs.

FEATURES & BENEFITS

Storm Breaker Silicone Skylight Coating also provides the following features and benefits:

- Single part product, ready to use
- High solids content with no hydrocarbon solvents
- Can be applied in excess of 40 mils in a single coat without blistering
- Tenacious adhesion to the substrate
- Clear coating permits skylights to function and avoids safety issues from use of opaque coatings
- Uses moisture from the air to cure the material

PACKAGING

Packaging: 1-gallon pails and 5-gallon pails

Quantity per pallet: 120 1-gal pails; 36 5-gal pails

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 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 Skylight Coating can be applied by a medium nap roller or a brush. In order to avoid sag or runoff, BITEC recommends applying at a rate of 30 mils in multiple coats. The coverage rate can vary, depending on the substrate, but should be approximately 2.25 gal / 100 ft².

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 unopened and 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

Always follow best practices when deciding if the current weather conditions are conducive to a successful 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	Clear
Solids by Weight (ASTM D-2369)	90% +/- 3%
Specific Gravity at 77°F (25°C)	1.03
Tack-Free Time	1-2 hours
Cure Time	1-4 hours
VOC	<20 g / L
Flash Point	141°F (60.6°C)

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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