

Storm Breaker™ Silicone Walkway Coating

TECHNICAL PRODUCT INFORMATION



Storm Breaker Silicone Walkway Coating is a Safety Yellow in color, single component, moisture curing silicone rubber coating system designed provide a non-skid walking surface when used with Storm Breaker Walkway Granules. In addition, Silicone Walkway Coating enhances the impact resistance of the roof surface, especially for areas of high traffic, around rooftop equipment, or other locations of concern.

FEATURES & BENEFITS

Storm Breaker Silicone Walkway Coating offers many benefits:

- Protective coating for high traffic areas
- Extra protection for areas around rooftop equipment
- Safety Yellow color clearly stands out from the rest of the field of the roof
- Storm Breaker Walkway Granules can be added for improved slip resistance

PACKAGING

Storm Breaker Silicone Walkway Coating is available in Safety Yellow in 5-gallon pails (36 pails / pallet).

STORAGE & HANDLING

Store locked up and in a well-ventilated, dry, and cool place. Keep container tightly closed. When stored in unopened containers and between 40°F (4.4°C) and 80°F (26.7°C), Silicone Walkway Coating has a recommended shelf life of 12 months from 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, apply Storm Breaker Silicone Walkway Coating with a medium nap roller. Small touch-ups may be done with a brush, when needed.

For walkway areas, BITEC recommends an application rate of 25 mils (1.65 gal / 100 ft²) for the Storm Breaker Silicone Walkway Coating and an application rate of 40 lbs / 100 ft² of Storm Breaker Walkway Granules.

For impact resistant areas, BITEC recommends an application rate of 40 mils (2.65 gal / 100 ft²) for the Storm Breaker Silicone Walkway Coating with 60 lbs / 100 ft² of Storm Breaker Walkway Granules.

The Storm Breaker Walkway Granules will settle into the Storm Breaker Walkway Coating. Apply the granules generously and, after a few minutes, inspect the surface and re-apply as needed to create a continuous granular surface.

While the Storm Breaker Silicone Walkway Coating remains uncured, clean up can be done with VM&P Naphtha or Mineral Spirits.

PRECAUTIONS

Storm Breaker Silicone Walkway Coating should be used and stored away from heat and sources of ignition, in a well ventilated atmosphere. Avoid breathing of vapors or mist and prevent contact with eyes, skin, or clothing. As with all chemicals, avoid getting this product on you or in you. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Avoid breathing vapors / mists generated by this product. Use in a well-ventilated location. Remove contaminated clothing immediately.

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	Safety Yellow
Solids Content by Volume (ASTM D-2369)	95% +/- 2%
Solids Content by Weight	95% +/- 2%
Specific Gravity at 77°F (25°C)	1.26
Tack-Free Time	1-2 hours
VOC	<50 g / L
Flash Point	141°F (60.6°C)
Durometer Hardness, Shore A, points (ASTM D-2240)	37
Tensile Strength (ASTM D-412)	350 psi
Elongation (ASTM D-412)	174%
Permeability, 20 mils at 100°F (38°C) and 90% R.H. (ASTM E-96)	10.7 perms
Tensile, set at 100% elongation	10.7
Temperature Stability Range	-35°F (-37°C) to 212°F (100°C)
Accelerated Weathering, QUV, 5,000 hours (ASTM G 154)	No degradation
Flame Spread (ASTM E-108)	Class A

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