

Storm Breaker SPF Primer is a single component, acrylic primer specially designed to spray polyurethane foam (SPF) and can also be used over aged asphalt, metal, wood, and concrete surfaces. SPF Primer incorporates specialized polymers and wetting agents to improve the overall adhesion capabilities to SPF systems. In addition, SPF Primer is uniquely breathable permitting trapped moisture to escape while still providing a watertight membrane.

FEATURES & BENEFITS

Storm Breaker SPF Primer also provides the following features and benefits:

- Water based (easy clean-up)
- Plasticizer free
- Single component, ready to use
- Improves adhesion of coating to SPF
- Breathable while watertight

PACKAGING

Packaging: 5-gallon pails

Pails per pallet: 36

Pallets per truckload (typical): 18-20

APPLICATION



Pressure wash the existing roof system with clean water to remove all dirt, dust, delaminating paints / coatings and/or contaminants, including oil, oil-based roof cements, solvents, grease, and/or animal fats.

Take care to monitor the existing coating and sprayed polyurethane foam system and adjust the water pressure to ensure that it is not creating damage during cleaning. Use a rotary spray tip and/or a cleaner / degreaser to improve cleaning in difficult areas where water alone is not effective. Broom, scrub, and/or vacuum the surface, as necessary.

In areas where a detergent solution has been used in the cleaning process, additional power washing with clean water is required to remove all residual detergent. Completely remove all existing silicone-based sealants from the roof substrate prior to application of the specified coating system. Allow the roof to dry thoroughly.

The finished polyurethane foam surface texture must be “smooth” to “orange peel” in texture and free of voids, pinholes, and depressions. “Verge of popcorn” texture is acceptable if the foam can be thoroughly and completely coated. “Popcorn” and “tree bark” textures are not acceptable. Unacceptable

foam textures must be removed and re-foamed prior to coating application.

Roof surfaces other than SPF must also 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 SPF Primer cures by water evaporation. It should not be applied when the ambient temperature is below 50°F (10°C) or if there is a possibility that the temperature could fall below 32°F (0°C) within a 24-hour period. BITEC does not recommend applying SPF Primer if rain or dew is expected before the product dries.

While it can also be applied with a brush or roller, Storm Breaker SPF Primer is intended to be sprayed. The application rate should be 1 gallon / 200 ft² and the product should only be applied on roofs with adequate slope.

For specific information on spray pump, hose, and spray gun requirements, please contact BITEC Technical Services.

If using a brush to apply, use synthetic filaments only. If using a roller, use a 1-1/4” nap roller.

STORAGE & HANDLING

Store materials locked up and in a well-ventilated, dry, and temperature conditioned location. Keep containers tightly closed to avoid contamination. Storm Breaker SPF Primer is a water-based material which will freeze and become unstable at temperatures below 32°F (0°C).

When stored unopened and in temperatures between 50°F (10°C) and 100°F (37.8°C), Storm Breaker SPF Primer has a recommended shelf life of 12 months from the date of manufacture. Always protect from freezing during shipment and while in storage.

PRECAUTIONS

Storm Breaker SPF Primer should be used and stored in a well-ventilated location. Avoid breathing of vapors or mist and prevent contact with eyes, skin, or clothing. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. 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.

Technical Schedule	
Appearance	Black
Total Solids (Volume)	38% ± 2%
Weight	9.4 lbs / gal ± 0.2 (1.1 kg / L ± 0.02)
VOC	<50 g / L
Clean Up	Water
Shelf Life	12 months
Viscosity	70-90 cP
Coverage (Typical)	200 ft ² / gal (4.9 m ² / 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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