

Storm Breaker™ 2-Part Epoxy Primer

TECHNICAL PRODUCT INFORMATION



Storm Breaker 2-Part Epoxy Primer is a dual component, water-based primer, created to strengthen the adhesion of Storm Breaker HB Silicone Roof Coating over multiple substrates. It is safe and easy to use, requires basic clean up, and has almost no odor. Storm Breaker 2-Part Epoxy Primer was specifically designed for use over concrete roof surfaces, but it can also be used on metal, wood, most single-ply membranes, and existing coatings.

FEATURES & BENEFITS

Storm Breaker 2-Part Epoxy Primer can be used on many surfaces, including, but not limited to the following:

- Concrete roof surfaces
- Metal surfaces
- Wood
- Most single-ply membranes
- Existing coatings

PACKAGING

Storm Breaker 2-Part Epoxy Primer is available in 5-gallon pails for Part A and 5-gallon pails for Part B, totaling approximately 10-gallons for the finished product. The 5-gallon pails ship 36 per pallet.

STORAGE & HANDLING

Keep containers tightly closed and in a cool, dry location. When stored unopened and in temperatures between 50°F (10°C) and 100°F (37.8°C), 2-Part Epoxy Primer 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.

For best results, start by mixing Part A and Part B individually.

Next, combine both parts and mix thoroughly but avoid over mixing as this can cause product thickening. Once both parts are mixed, the usable pot life is approximately 2 hours at 75°F (24°C). This can be extended by up to 3 hours by adding small amounts of water to the mixture, limited to just enough water to achieve the original consistency. Discard any material that has been mixed for over 4 hours. The mixing ratio for Part A and Part B is 1:1.

Storm Breaker 2-Part Epoxy Primer can be applied by brush, roller, or spray. If using airless spray equipment, it must be capable of 2,000 psi (13,789 kPa) and 1 gallon per minute (3.8 L per minute) delivery of the product. The recommended spray tip is a reversible, self-cleaning tip, with orifice size between 0.015" to 0.021" (0.4 mm to 0.5 mm), and a minimum 40 degree fan angle.

PRECAUTIONS

Always protect Storm Breaker 2-Part Epoxy Primer from freezing. If the product freezes, it will no longer be usable. If conditions do not permit a complete cure before rain, dew, or freezing temperatures occur, DO NOT APPLY the product. Do not apply in the late afternoon if moisture condensation can appear during the night. Do not apply at temperatures below 50°F (10°C) or above 130°F (54°C), or when the dew point is less than 5°F (3°C) above the ambient temperature. 2-Part Epoxy Primer is not designed for continuous use without a Storm Breaker HB Silicone Roof Coating as a top coat. If left uncoated, it will chalk and yellow due to UV exposure.

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	Gray (after mixing both parts thoroughly)
Total Solids (weight)	60% +/- 2%
Weight	11.7 lbs / gal (after mixing both parts)
Clean Up	Water
VOC	<100 g / L
Dry to Touch	1 hour at 75°F (24°C)
Cure Time	24 hours at 75°F (24°C)
Coverage over Concrete	150-200 ft ² / gal
Coverage over Lightweight Concrete	100-150 ft ² / gal
Coverage over Asphalt	100-150 ft ² / gal
Coverage over Metal	300-400 ft ² / gal
Coverage over Modified Bitumen	75-100 ft ² / gal
Coverage over Single Ply (EPDM, TPO, PVC, Hypalon)	300 ft ² / gal
Coverage over Wood	300 ft ² / gal

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



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