

# 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 roof coating systems over multiple substrates. It is safe and easy to use, requires basic clean up, and has almost no odor.

### FEATURES & BENEFITS

Storm Breaker 2-Part Epoxy Primer also provides the following features and benefits:

- Compatibility over a variety of substrates, including concrete, metal, wood, most single ply roof membranes, and existing coatings
- Low VOC
- Water based formulation means easier clean-up and extendable cure period

### PACKAGING

Packaging: 10-gallons per set for the finished product (5-gallon pail for Part A & 5-gallon pail for Part B)

Pails per pallet: 36

Pallets per truckload (typical): 18-20

### 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.**

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 (3.8 liters) per minute delivery of the product. The recommended spray tip is a reversible, self-cleaning tip, with an orifice size between 0.015" to 0.021" (0.4 mm to 0.5 mm), and a minimum 40 degree fan angle.

### STORAGE & HANDLING

Store materials locked up and in a well-ventilated, dry, and temperature conditioned location. Keep containers tightly closed to avoid contamination.

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.

### 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 exposure without subsequent application of an approved Storm Breaker coating. If left uncoated, it will turn chalky and yellow due to UV exposure.

Storm Breaker 2-Part Epoxy 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.

Safety first! Read all label information, SDS, and precautions before using. For safety information on our products, please visit [www.bitec.com](http://www.bitec.com).

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## TECHNICAL PRODUCT INFORMATION



Technical Schedule	
Appearance	Gray (after mixing both parts thoroughly)
Total Solids (weight)	60% ± 2%
Weight	11.7 lbs / gal (1.4 kg / L) (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 <sup>2</sup> / gal (3.7-4.9 m <sup>2</sup> / L)
Coverage over Lightweight Concrete	100-150 ft <sup>2</sup> / gal (2.5-3.7 m <sup>2</sup> / L)
Coverage over Smooth Asphalt	100-150 ft <sup>2</sup> / gal (2.5-3.7 m <sup>2</sup> / L)
Coverage over Metal	300-400 ft <sup>2</sup> / gal (7.4-9.8 m <sup>2</sup> / L)
Coverage over Granule-Surfaced Modified Bitumen	75-100 ft <sup>2</sup> / gal (1.8-2.5 m <sup>2</sup> / L)
Coverage over Single Ply (EPDM, TPO, PVC, Hypalon)	300 ft <sup>2</sup> / gal (7.4 m <sup>2</sup> / L)
Coverage over Wood	300 ft <sup>2</sup> / gal (7.4 m <sup>2</sup> / 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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