

# Rust-Inhibitive Primer

## TECHNICAL PRODUCT INFORMATION



Storm Breaker Rust-Inhibitive Primer is a high quality, water-based rust-inhibiting primer, specially designed for application over metal roof surfaces to inhibit rust growth and prime the surface for coating application.

### FEATURES & BENEFITS

Storm Breaker Rust-Inhibitive Primer also provides the following features and benefits:

- Water-based (easy clean up)
- Single component, ready to use
- Provides excellent adhesion for Storm Breaker coatings over metal roofs
- Prevents discoloration of the coating system due to rust
- Inhibits rust growth

### PACKAGING

Packaging: 5-gallon pails

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.***

Storm Breaker Rust-Inhibitive Primer should not be applied when the ambient temperature is below 50°F (10°C) or if the temperature will fall to less than 32°F (0°C) within 24 hours after application. BITEC does not recommend applying Rust-Inhibitive Primer if rain or dew is likely to occur before the product dries. If high humidity is present, application should be avoided in the late afternoon as overnight dew formation on uncured surfaces can cause the primer to wash off. On marginal days, multiple thin coat applications can help

to ensure that the coating can dry before rain or overnight freezing temperatures occur. Cure time can be slowed by cooler temperatures and/or high humidity.

While it can also be applied with a brush or roller, Storm Breaker Rust-Inhibitive Primer is intended to be spray applied. The application rate should be 1 gallon / 200 ft<sup>2</sup>. The existing roof surface should be clean and dry prior to application. Never leave this product exposed to the elements for more than 48 hours after application. If left exposed, excessive weathering and dirt pick up can occur, compromising adhesive performance.

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

### 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 Rust Inhibitive 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 40°F (4.4°C) and 70°F (21.1°C), Storm Breaker Rust Inhibitive 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 Rust Inhibitive 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](http://www.bitec.com).

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## TECHNICAL PRODUCT INFORMATION



| Technical Schedule    |  |
|-----------------------|--|
| Appearance            | Red  |
| Total Solids (Volume) | 41% ± 2%   |
| Weight                | 10 lbs / gal ± 0.2 (1.2 kg / L ± 0.02)             |
| VOC                   | <65 g / L  |
| Clean Up              | Water  |
| Shelf Life            | 12 months  |
| Viscosity             | 800 +/- 200cP                                      |
| Coverage (Typical)    | 200 ft <sup>2</sup> / gal (4.9 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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