

BITEC® IM-Prime is a polymer emulsion-based primer designed to improve the adhesion of self-adhered membranes. IM-Prime is applied to cinder block, concrete, OSB, plywood, DensGlass Gold®, Securock, DensDeck® Prime, and prepared metal surfaces. IM-Prime increases the adhesion of all self-adhering membranes and, in some cases, even increases the adhesion by as much as four times the original adhesion without a primer.

FEATURES & BENEFITS

BITEC IM-Prime also provides the following features and benefits:

- Formulated to dry tack-free within 2 hours at 77°F (25°C)
- Eliminates the flammability and toxicity hazards associated with solvent-based primers
- No irritating or unpleasant odors
- Increases adhesion by as much as four times the original adhesion without primer
- Royal blue in color for clarity during application

PACKAGING

Package: 3-gal pails and 5-gal pails

Quantity per pallet: 48 3-gal pails, 36 5-gal pails

Pallets per truckload (typical): 18

APPLICATION

The surface to be primed 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 and adhesives, proper preparation is key to yielding optimal results. BITEC always recommends adhesion testing prior to starting.

Product application should be suspended immediately and our technical service personnel contacted if the results being obtained are less than desirable.

Never apply IM-Prime to wet surfaces, as this will dilute the primer, reducing its effectiveness. Apply IM-Prime at a rate of 0.5 gal/100 ft² (0.21 L/m²) to properly prepared substrates using a medium nap roller or spray equipment. If spraying, a 0.015-0.021" spray tip orifice and a minimum spray pressure of 500 psi are recommended.

Avoid "puddling" this primer. One coat is generally recommended. IM-Prime can withstand foot traffic in about 1-2 hours, depending on ambient conditions. Once the primer is applied and allowed to dry, install the self-adhering membrane directly to the primed surface. Primer must be covered within

48 hours of application or an additional coat of primer must be applied. IM-Prime can also be used to promote interply adhesion.

It is highly recommended that IM-Prime be used for priming all surfaces prior to applying any BITEC self-adhered membrane. IM-Prime provides the optimum surface prep for attaching BITEC self-adhered membranes.

Please refer to the BITEC Roofing Products Installer's Guide for detailed application guidelines.

As with any roofing project, good roofing practices should always be followed.

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 in the original, unopened container, IM-Prime has a recommended shelf life of 12 months from the date of manufacture.

PRECAUTIONS

Do not allow the product to freeze. Do not store in temperatures above 120°F (48°C). Do not place in contact with potable water. Do not thin. Exterior use only. Do not use if heavy rain or dew is expected or if temperatures are expected to drop below 50°F (10°C) within 6 hours of application. Do not install if the outside air temperature is above 95°F (35°C).

Safety first! The roofing contractor and employees are the key to success regarding safety. Safety should always be first! Read all label information, SDS, and precautions before using. For safety information on our products, please visit www.bitec.com.

Technical Schedule		
Viscosity @ 75°F (25°C) Brookfield RVT #4 Spindle, 10 RPM	2000-2400 cPs	ASTM D2196
Density (at 77°F / 25°C)	8.75 lbs/gal	ASTM D1475
Non-Volatile by weight	42-46%	ASTM D 3960
Non-Volatile by volume	40-44%	ASTM D3960
Drying Time @ 70°F (21.1°C), 50% R.H. to touch	2 hours	
Shelf Life	12 months	
Coverage	1/3 - 1/2 gal/100 ft ² (0.13 - 0.20 L/m ²)	
VOC	<50 g/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 improper 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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