

BITEC® PMA-186, a cold-process modified bitumen adhesive, is used in the installation of SBS modified bitumen cap sheets, base sheets and flashings. With a unique blend of special fibers, it provides superior sag resistance and excellent weathering characteristics. PMA-186 is composed of high-quality asphalt and highly compatible SEBS (styrene-ethylene-butadiene-styrene) and SIS (styrene-isoprene-styrene) polymers imparting excellent adhesive and waterproofing properties to the overall roof membrane system.

FEATURES & BENEFITS

BITEC PMA-186 Polymer Modified Adhesive also provides the following features and benefits:

- Combining SEBS and SIS polymers allows the adhesive to perform better at low temperatures and when exposed to the sun's UV light
- VOC content less than 250 g/L
- Can be installed on slopes up to 3:12
- No need for torches or kettles on the job, ensuring a more organized set-up and fewer odors
- Asbestos-free

PACKAGING

Package: 5-gal pails and 55-gal drums

Quantity per pallet: 36 5-gal pails, 4 55-gal drums

Pallets per truckload (typical): 18

APPLICATION

The surface to be sealed 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, especially with previously coated substrates.

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

PMA-186 is ideal for roofing applications involving cold process membrane. PMA-186 can be applied by spray, brush, or notched squeegee. Apply at a rate of 2.0-2.5 gal/100 ft². PMA-186 should be installed by a professional roofing contractor with previous experience in the application methods described.

Cold process roofs should have a minimum slope of 1/4" per foot to prevent standing water and should not be installed at

temperatures below 50°F (10°C) or when rain is expected within 48 hours.

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.

PRECAUTIONS

Do not use this product on coal tar pitch roofs. Dispose of unused portions and empty containers in accordance with local regulations.

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		
Non-Volatile	70% minimum	ASTM D-4586
Density (at 77°F / 25°C)	8.6 lbs/gal	ASTM D1475
Viscosity	160,000-200,000 cP	Brookfield RVT; Spindle #6; 2.5 RPM
Flash Point	Minimum 100°F (37.8°C)	ASTM D-93
VOC	<250 g/L	
Water Resistance (under approved drainage conditions)	Excellent	
Coverage	2-2.5 gal/100 ft ²	

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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