

BITEC® PMA-HV Flashing Adhesive, a premium single-part, highly elastomeric, modified urethane cold-process modified bitumen adhesive, is used in the installation of vertical flashing details using approved base plies, vapor retarders, and modified bitumen membranes. PMA-HV Flashing Adhesive is solvent-free and requires no mixing. With a low VOC content of less than 250 g/L, PMA-HV Flashing Adhesive is approved for use in VOC regulated markets and can be installed with minimum disruption of business for most building owners.

FEATURES & BENEFITS

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

- Approved substrates include: concrete, cinder and masonry block, base sheets (sanded or smooth surfaced), plywood, metal, fiberglass insulation, polyisocyanurate (including high density) insulation, perlite insulation, wood fiber insulation, polystyrene (XPS, EPS), gypsum cover board
- Approved membranes include: SBS modified bitumen base plies and SBS modified bitumen mineral surfaced cap plies
- Single component requires no mixing
- VOC content less than 250 g/L
- Remains flexible and absorbs stresses
- No exposure to oxidized asphalt fumes

PACKAGING

Package: 5-gal pails

Quantity per pallet: 36 5-gal pails

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.

Some substrates may require a primer - consult with BITEC Technical Services if there is any questions regarding substrate preparation.

PMA-HV Flashing Adhesive is ideal for roofing applications involving cold process membranes. PMA-HV Flashing Adhesive can be applied with a 1/4" notched trowel directly to the back side of the flashing membrane or to the bonding substrate. Embed the flashing membrane into the freshly applied adhesive. Do not allow the adhesive to skin over. Apply pressure across the entire membrane surface to ensure full contact with the adhesive, removing all wrinkles and air pockets. A continuous bleed-out of adhesive should be present along all membrane side laps and tie-ins. For multi-layer flashing applications, repeat these steps. These instructions are provided for general use only.

The coverage rate is approximately 12-15 ft² per gallon when applied with a 1/4" notched trowel, resulting in, resulting in an approximately 1/8" thick layer of adhesive. Coverage rates may vary when used over irregular substrates.

PMA-HV Flashing Adhesive should be installed by a professional roofing contractor with previous experience in the application methods described.

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

For best results, store PMA-HV Flashing Adhesive between 60°F (15°C) to 80°F (27°C) for at least 48 hours prior to use.

Store materials locked up and in a well-ventilated, dry, and temperature conditioned location. Keep containers tightly closed with the valve side up. When stored in the original, unopened containers between 40°F (4°C) and 100°F (38°C), the recommended shelf life is 9 months from the date of manufacture.

PRECAUTIONS

Do not apply to damp or wet surfaces, including primers. Allow solvent based primers to completely dry before applying adhesive. Do not apply when the surface temperature is below 40°F (4°C). 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!

PMA-HV™ Flashing Adhesive

TECHNICAL PRODUCT INFORMATION

BITEC®

Read all label information, SDS, and precautions before using.
For safety information on our products, please visit www.bitec.com.

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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