



Application Instructions

IB-3™ ShingleStarter is a self-adhering mineral surface underlayment which is applied directly to the roof deck to protect from leaks due to wind-driven rain or roof failure. The specially formulated rubberized asphalt adhesive seals around nails and forms a long-lasting barrier. IB-3 ShingleStarter is backed with a protective release liner which removes easily during application. The release liner is split in the middle for easy valley applications. The membrane features two mastic tab lines on each side of the membrane to adhere to the shingles when installed, and are covered by a release liner that should remain in-place until the shingles are installed.

- 1) MFM recommends that the product be applied at ambient temperatures (surface & air) above 40°F (4°C) on decks having minimum roof slopes of 2" (5cm) per foot. If applying at cooler temperatures, use MFM Low-VOC Spray Adhesive™ to help adhesion. Membrane may also be mechanically attached.
- 2) The surface must be smooth, clean, dry and free of contaminants. Use an MFM-approved primer as necessary to prepare the deck. You **must** use a primer if installing over concrete, weathered wood, Densdeck or similar surface. **THE CONTRACTOR MUST DETERMINE WHETHER ADHESION IS ADEQUATE BEFORE PROCEEDING.**
- 3) Starting at the low point of the deck, peel back about 12" (30cm) of the split release liner, align the roll, and carefully press membrane into place overtop of the metal drip edge. Unroll the material along the deck, removing the release liner as you go.
- 4) The adhesive on IB-3 IceBuster is pressure-activated, so press the material firmly into place using a hand roller or large push roller to assure a good seal. Pay special attention to all seams and overlaps. If necessary, use MFM Low-VOC Spray Adhesive™ to improve adhesion.
- 5) If applying more than one course, make sure the side laps are at least 3" (7cm) and installed in a shingle-like manner so that water will run over the lap seam. Overlap ends at least 6" (15cm). Prior to applying the next roll, it is necessary to cover the 6" (15cm) lap area with a continuous bead of asphalt roofing mastic to assure a water tight seal.
- 6) For the side seam, a continuous application of asphalt roofing mastic must be applied to the side lap as well.
- 7) Where membrane terminates on a vertical surface, it should be nailed securely and sealed with an MFM-approved caulk/sealant.
- 8) Ridges, valleys, chimneys, dormers and other areas requiring flashing may need special attention. IB-3 ShingleStarter is not designed to withstand extreme structural movement or to bridge openings greater than 1/8" (.3cm).
- 9) Membrane must be covered within 30 days of installation. Leave the two release liners covering the mastic tab lines on until ready to install the shingles. Dust, dirt and debris will reduce the adhesiveness of these prior to the shingle installation.

10) IB-3 ShingleStarter is not intended for use under metal roofing!

WARNINGS:

- **Roof work can be dangerous - work carefully. Avoid falls by using safety harnesses, roof jacks and other proper equipment. Use caution when walking or standing on the product!**
- **Product is a vapor barrier - allow for proper ventilation.**
- **Refer to NRCA "ROOFING & WATERPROOFING MANUAL" for complete information about roofing details.**
- **Store material in carton - exposure to light will reduce adhesiveness. Keep product dry.**
- **DO NOT install over solvent-based or silicone caulking.**
- **DO NOT install over PVC or silicone roofing materials.**
- **Installer is responsible for compatibility of all primers, caulks and sealants.**
- **MFM will not warranty product when used on plank or tongue-and-groove boards that are not cured and still contain tree resin – resin is not compatible with the asphalt adhesive and will liquify it.**

For a list of MFM-approved primers, sealants and caulks, please refer to MFM Technical Bulletins at www.mfmbp.com. Questions can be directed to our Technical Services Department at 800-882-7663 or via email at info@mfmbp.com.

RECOMMENDED TEMPERATURES	RANGE	WITH MFM LOW-VOC SPRAY ADHESIVE™
Application Temperature Range (<i>Surface and Air</i>)	40°F – 105°F (4°C – 4°C)	Below 40°F (4°C)
Service Temperature Range	-20°F – 170°F (-29°C – 77°C)	Not Applicable