



## INSTALLATION INSTRUCTIONS

IB-4™ 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-4 is backed with a protective release liner which removes easily during application. The release liner is split in the middle for easy valley applications. An adhesive selvage assures a water-tight seal between courses.

- 1) The membrane should be applied in fair weather at a minimum temperature of 40° F. Minimum slope for installation is 2 inches per foot.
- 2) The surface to which IB-4 is to be applied must be clean, dry and smooth. Masonry, weathered and metal surfaces must be primed to achieve good adhesion. Use MFM Prime-A-Seal® or similar asphalt primer.
- 3) IB-4 is installed by removing the release liner and pressing the membrane onto the roof deck. The selvage should be on the upward slope to seal to the next course of IB-4. MFM recommends peeling back 12" of the release liner to expose the adhesive and pressing the IB-4 onto the roof deck. Continue to remove the release liner as the IB-4 is unrolled and pressed onto the roof deck. IB-4 is easily cut with a knife or scissors.
- 4) IB-4 has a perforated release liner. It may be installed by unrolling the amount of IB-4 required, separating the release liner at the perforation, and sticking one-half of the IB-4 to the roof deck. Then, fold up the half that still has release liner, remove the release liner, and press IB-4 onto the roof deck.
- 5) Overlap ends at least 6 inches. Prior to applying the next roll, cover the 6 inch lap area with a continuous application of asphalt roofing mastic to assure a water tight seal.
- 6) When using as an ice dam or flashing, extend IB-4 above the highest level water is expected.
- 7) If applying more than one course of IB-4, make sure the side laps are at least 3 inches and installed in a shingle-like manner so that the water will run over the lap seam. Remove the protective liner covering the selvage, roll out the next course of IB-4 and firmly press into place.
- 8) Ridges, valleys, chimneys, dormers and other areas requiring flashing may need special attention. Make sure that all overlaps are installed in a shingle-like manner and sealed with asphalt roofing mastic.
- 9) Cover IB-4 with final roofing within 365 days.

### WARNINGS

- **Roof work is dangerous - work carefully! Use caution when walking on installed IB-4 and the roof deck. Do not stack tile more than 6 high.**
- **IB-4 is not designed to withstand extreme structural movement or to bridge openings in the roof deck.**
- **IB-4 is a vapor barrier - allow for proper ventilation.**
- **Not designed for permanent exposure to sunlight. Cover within 365 days.**
- **MFM will not warrant IB-4 if installed incorrectly.**
- **Apply to a clean, smooth, dry surface at temperatures above 40°F.**
- **Refer to "NRCA Roofing & Waterproofing Manual" for complete roofing details.**
- **Store IB-4 in original carton in a dry location and out of direct sunlight until ready to use.**