

MFM Building Products Corp. manufactures a wide range of innovative waterproofing products for the building industry. Proven through many years of use in the field, MFM products are engineered for superior performance and ease of installation.

DESCRIPTION

IB-3 SHINGLE STARTER™ is a 36" wide self-adhering mineral surface starter shingle that serves the dual function of replacing the conventional starter strips as well as serving as an ice and water dam in cold climates. The specially formulated rubberized asphalt adhesive seals around nails and forms a long-lasting barrier. **IB-3 Shingle Starter** has two self-sealing tabs each 1.5" nominally from each edge. **IB-3 Shingle Starter** is backed with a protective release sheet which removes easily during application. The release sheet is perforated in the middle for easy valley applications.

USES

IB-3 Shingle Starter installs under roofing at edges and valleys to protect from leaks due to ice dams, melting snow and blowing rain. **IB-3 Shingle Starter** is suitable for use in new construction and reroofing. Apply **IB-3 Shingle Starter** directly to the roof deck at eaves, valleys, vents, skylights and chimneys. **IB-3 Shingle Starter** is not intended for use under metal roofing without approval from the metal roofing manufacturer.

Roll Width	36"
Release Sheet	Film
Color	Black
Seal Tab	Two
Carton Weight	65lbs Nom.

PROPERTY	TYPICAL VALUE
Thickness	50 mils Nom.
Tear Resistance	>20 lbs/sq CD >20 lbs/sq MD
Adhesion to Plywood	>12 lb/f@70°F >2.0 lb/f@40°F
Water Absorption	<0.001
Moisture Vapor	<0.1 perms
Nail Sealability	Pass
Cold Flexibility @ -20°F	Pass
Slip Resistance	Pass
Minimum Slope	2:12
Application Range	>50°F

APPLICATION

IB-3 Shingle Starter™ is a self-adhering waterproof roofing underlayment for shingles, tile, and other types of roofing. It is constructed from a strong layer of mesh bonded to rubberized asphalt and coated with black stone granules. Designed to be used as protection against leading edge ice dams, melting snow and wind-driven rain, IB-3 may also be used on valleys, eaves, ridges and anywhere an extra layer of protection is required.

- 1) Apply IB-3 Shingle Starter at ambient temperatures above 50° F. Apply to decks having a minimum slope of 2" per foot.
- 2) The surface to which IB-3 Shingle Starter is to be applied must be smooth, clean, dry and free of contaminants. The surfaces of oriented strand board (OSB), plywood sheathing and insulation board may have wax, sawdust or other foreign substances. Use MFM Prime-A-Seal™ or a similar asphalt primer as necessary to achieve good adhesion. Always prime masonry, aged metal and concrete surfaces. MFM Spray Adhesive may be used to improve adhesion. **THE CONTRACTOR MUST DETERMINE WHETHER ADHESION OF THE IB-3 SHINGLE STARTER IS ADEQUATE BEFORE PROCEEDING.**
- 3) Starting at the low point of the roof deck, align roll with the edge of the roof, peel back the release film and carefully press IB-3 into place.
- 4) If using a drip edge, the **IB-3 Shingle Starter** should be installed to be flush with the edge of the drip edge with the first course of shingles installed per the shingle manufacturer's instructions.
- 5) Overlap ends at least 6 inches.
- 6) If applying more than one course of **IB-3 Shingle Starter**, make sure that the side laps are at least 4" and installed in a shingle-like manner so that water runs over the lap seam.



7) If the IB-3 Shingle Starter is not going to be covered immediately with roofing, the seams and overlaps must be sealed. Prior to lapping the ends, cover the 6" lap area with a continuous application of asphalt caulking or roofing mastic (MFM Mastic+Plus™) to ensure a watertight seal. For the side seam, a bead of asphalt caulking or roofing mastic must be applied to the side lap to ensure a watertight seal.

8) Ridges, valleys, chimneys, dormers and other areas requiring flashing need special attention. **IB-3 Shingle Starter** is not designed to withstand extreme structural movement or to bridge openings in the deck. Take special care that the overlap is a minimum of 6" and that the entire lap area is covered with asphalt roofing mastic or asphalt caulking before the overlap is made.

9) Where **IB-3 Shingle Starter** terminates on a vertical surface, it should be nailed securely and sealed with exterior grade polyurethane or acrylic caulk.

10) Shingles, tile or other protection from sunlight must be applied over IB-3 within 60 days of installation. **IB-3 Shingle Starter** is not intended for use under metal roofing.

WARNING:

- Roof work can be dangerous - work carefully. Avoid falls by using safety harnesses, roof jacks and other proper equipment. Mark roof edges for safety.
- Use caution when walking or standing on product.
- Keep product dry.
- Store material in carton - exposure to light will reduce adhesiveness.
- This product is a vapor barrier - allow for proper ventilation.
- Refer to NRCA ROOFING & WATER-PROOFING MANUAL for complete information about roofing details.

WARRANTY

MFM Building Products Corp. (MFM) warrants IB-3 SHINGLE STARTER to be free from leaks caused by defects in material or manufacturing for a period of five (5) years from the date of purchase when applied according to published directions and will, at its option, resupply or refund the purchase price of any materials proven to be defective. Misapplication or poor workmanship is specifically excluded under the terms of this warranty. MFM will not warrant IB-3 SHINGLE STARTER against leaks if left exposed and uncovered as a whole-roof underlayment! MFM shall be liable for no additional remedies, hereby expressly denying any other claims for damages, whether direct or indirect, consequential or incidental, including but not limited to property damage, personal injury to the buyer or to a third party and loss of business or profit arising from the use or inability to use the product. Any implied warranties arising under state law are limited to the duration and terms of this express warranty.

* The technical information provided for IB-3 Shingle Starter is based on IB-3 Underlayment testing, reports and approvals. A performance correlation could be drawn with IB-3 Shingle Starter and IB-3 Underlayment. Check with your local and state building codes and approvals regarding underlayments.

IB-3 Underlayment Approvals and Testing: ICC-ES ESR 1737, FBC 2007 FL#11842.1, UL verified to AC 10 and AC 304, ASTM D 1970, ASTM E 108