



**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 self-adhering mineral surface underlayment which is adhered directly to the roof deck. 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 being 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.

### APPLICATION

**IB-3 SHINGLE STARTER** may be installed under roofing to provide a barrier wherever blowing rain, ice dams or excessive water is expected. The membrane should be applied in fair weather at a minimum temperature of 40° F. The surface to receive **IB-3 SHINGLE STARTER** shall be clean, dry and smooth. Prime masonry, aged and metal surfaces as necessary to achieve good adhesion. Unless immediately covered with roofing, end laps and side laps must be coated with roofing mastic or caulking for a waterproof seal. Extend **IB-3 SHINGLE STARTER** above the highest level water is expected. Minimum slope for installation is 2 inches per foot.

### WARNINGS

- Roof work is dangerous - work carefully! Use caution when walking on installed **IB-3 SHINGLE STARTER** and the roof deck.
- **IB-3 SHINGLE STARTER** is a vapor barrier - allow for proper ventilation.
- Keep product dry and out of direct sunlight.
- Store **IB-3 SHINGLE STARTER** in original carton until ready to use.

### PRODUCT DATA

Roll Width	36"
Release Sheet	Film
Color	Black
Seal Tab	Two

### 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.

### TECHNICAL DATA\*

PROPERTY	TYPICAL VALUE
Thickness	50 mils Min
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	40°F—105°F

\* 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