



# PREMIUM HT TILE & METAL™



## MFM Building Products General Application Guideline For Premium HT Tile & Metal

Premium HT Tile & Metal™ is intended for use as a whole-roof underlayment for tile, metal and other types of roofing. The durable outer fabric surface provides traction when working, good bonding for foam adhesives. The adhesive selvage edge securely bonds overlaps forming a secure, waterproof surface. The high temperature rubberized adhesive self-seals around punctures such as nails and screws providing a layer of secondary water resistance.

### Surface Preparation

- Premium HT installs directly to wood, OSB, metal or insulated roof deck, where allowed by code.
- The roof deck surface must be clean and dry.
- It will adhere best to a surface primed with an MFM-approved primer.
- Corroded metal, weathered wood and masonry must be primed. See website for approved primers.
- Do not use primer over roofing felt or rigid insulation. If extra adhesion is needed, use an activator such as MFM Spray Adhesive™
- Premium HT Tile & Metal Underlayment should not be installed over EPDM or TPO roofing membranes.
- **Installer is responsible for compatibility with all caulks, sealants and primers**

### Installation

Install Premium HT Tile & Metal Underlayment in compliance with all local and state building codes. MFM recommends following accepted roofing practices as outlined in the NRCA Roofing and Waterproofing Manual.

- Premium HT Tile & Metal must be installed in a shingle-like manner so that water flows over the seams.
- Starting at the eave, unroll Premium HT Tile & Metal horizontally with the polyester side up and the selvage edge at the top.
- Remove 12 to 18 inches of the protective release liner, align and stick in place.
- Continue removing the release liner and press Premium HT Tile & Metal into place.
- Position the next course of Premium HT Tile & Metal so that it will cover the selvage edge on the first course, align and install.
- All edge laps must be a minimum of 3 inches or cover the selvage edge. All end laps must be a minimum of 6 inches.
- All lap seams must be rolled firmly with a hand roller.
- Roll entire membrane with a large push roller, paying special attention to all overlaps and seams
- Cover within 180 days
- Metal drip edge, valley and wall flashings should be installed under the Premium HT Tile & Metal membrane
- For vertical surfaces, it should extend up the wall a minimum of 3" and the exposed edge protected by metal flashing
- Premium HT Tile & Metal may also be installed vertically on roofs with a very steep pitch
- Depending upon the pitch, roll membrane either from the ridge or eave
- Minimum slope is 3:12 pitch unless limited by local codes
- For valleys, roll Premium HT Tile & Metal the entire length of the valley – lap the field Premium HT Tile & Metal over the valley membrane a minimum of 3" prior to the installation of the valley metal or self-adhering flashing
- **Installer is responsible for compatibility with all caulks, sealants and primers**

### Premium HT Tile & Metal may also be installed vertically on roofs with a very steep pitch:

Depending upon the pitch of the roof, roll Premium HT Tile & Metal either from the ridge or eave. All edge laps must be a minimum of 3 inches and end laps a minimum of 6 inches. All laps and seams must be rolled with a hand roller.

### For Valleys:

Roll Premium HT Tile & Metal the entire length of the valley. Lap the field Premium HT Tile & Metal membrane over the valley membrane a minimum of 3 inches prior to the installation of the valley metal or self-adhering flashing. Premium HT Tile & Metal self-seals around mechanical fasteners such as nails and screws.

### For re-roofing:

Premium HT Tile & Metal does not have to be removed for re-roofing. Make sure the original installation of membrane is clean, smooth and free from sharp edges and large holes. If recovering with a self-adhering underlayment, prime the entire surface with an approved MFM primer and let primer fully cure before applying new underlayment. Mechanically attached underlayment may be installed directly over the old Premium HT Tile & Metal membrane.

### Repair of Premium HT Tile & Metal:

Damaged Premium HT Tile & Metal may be repaired by using MFM Spray Adhesive™ or an equivalent adhesive to the area to be repaired 6 inches in either direction. Follow cure times on can before applying Premium HT Tile & Metal. Cut Premium HT Tile & Metal patch to size, remove release liner and press into place. Roll entire area with a hand roller to ensure full contact. The repair should be installed so water will run parallel to or over the top of all laps of the patch.

### Wood decks:

Premium HT Tile & Metal Underlayment can be directly applied to wood decks. Although not required, it is suggested to prime wood decks surfaces with an approved MFM primer prior to installation of Premium HT Tile & Metal Underlayment. Please refer to applicable local building codes to assure this is acceptable. In direct to deck applications, back nailing is required with slopes of 6:12 or greater. Nails shall be placed in selvage edge seam 1 inch minimum from edge at a minimum rate of 12 inches o.c. and covered by the next course of membrane. Please refer to local building codes for type of nail to be used and back nailing requirements prior to installation.

### Slope:

Premium HT Tile & Metal minimum slope is 3:12 pitch unless limited by local authority and/or codes.

### End laps:

All end laps of mastic to fabric must be 6 inches and prepped with MFM Spray Adhesive™ or an equivalent adhesive. Follow cure times on can before lapping of the membrane. All laps must be rolled with a hand roller.

### Weather:

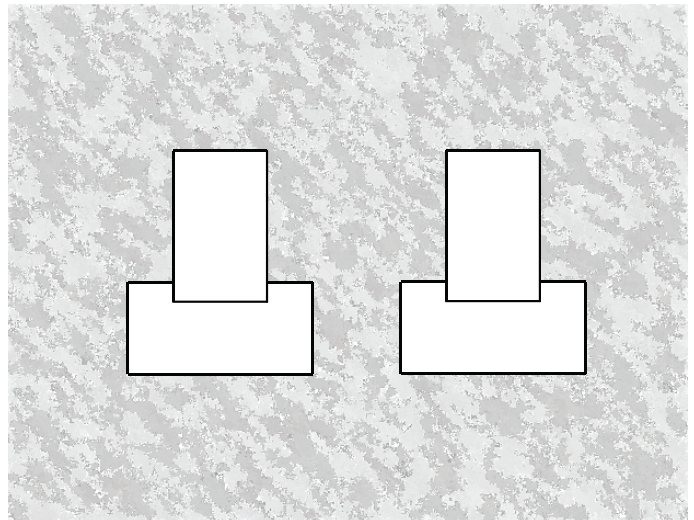
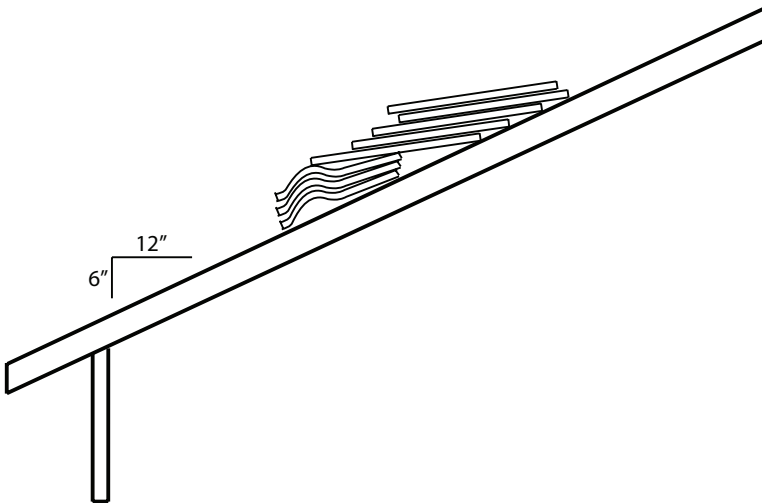
Premium HT Tile & Metal can only be applied when air and surface temperatures are at least 50° F and rising.

### Stacking tiles:

A maximum of 8 tiles per stack are allowed when loading tile onto the Premium HT Tile & Metal. Battens and / or counter battens must be used on slopes of 6:12 or greater to prevent tile sliding during the loading process. A 24 hour cure time is recommended before stacking tiles on Premium HT Tile & Metal. Refer to MFM recommended tile diagram. Any questions in regard to proper installation practices should be directed to our Technical Department at 800-882-7663. Always check with local building codes regarding limitations of specific applications. Local codes may supersede MFM requirements and recommendations.

### WARNING:

- Roof work can be dangerous so work carefully!
- Avoid falls by using safety harness, roof jacks and other proper equipment.
- Use caution when walking or standing on product.
- This product is a vapor barrier - allow for proper ventilation of the roof.
- Be sure roof deck will support anticipated load. Do not stack tile over 8 high on a maximum 6:12 pitch!
- Store material in carton in a cool, dry place - exposure to light and moisture will reduce adhesiveness.
- **Installer is responsible for compatibility with all caulks, sealants and primers**



### 30-YEAR LIMITED WARRANTY

MFM Building Products Corp. (MFM) warrants materials to be free from leaks caused by defects in material or manufacturing for a period of thirty (30) years from the date of purchase when applied according to published directions.

For the most current Installation Instructions, Warranties, Technical Specifications and Approvals, visit [www.mfmbp.com](http://www.mfmbp.com).

