



Application Instructions

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 Low-VOC Spray Adhesive™
- Premium HT 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.

- MFM recommends that the product be applied at ambient temperature (surface & air) above 50°F (10°C) – if applying at cooler temperatures, use MFM Low-VOC Spray Adhesive™ on the seams and overlaps to ensure a good seal
- Premium HT can also be mechanically attached.
- Premium HT must be installed in a shingle-like manner so that water flows over the seams
- Starting at the eave, unroll Premium HT horizontally with the polyester side up and the selvage edge at the top
- Remove 12" (30cm) to 18 (46cm) of the protective release liner, align and stick in place
- Continue removing the release liner and press membrane into place
- Position the next course of Premium HT so that it will cover the selvage edge on the first course, align and install
- All edge laps must be a minimum of 3" (7cm) or cover the selvage edge and all end laps must be a minimum of 6" (15cm)
- 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 membrane
- For vertical surfaces, it should extend up the wall a minimum of 3" (7cm) and the exposed edge protected by metal flashing
- Depending upon the pitch, roll membrane either from the ridge or eave
- Minimum slope is 3:12 pitch unless limited by local codes

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>)	50°F – 105°F (10°C – 41°C)	Below 50°F (10°C)
Service Temperature Range	-20°F – 250°F (-29°C – 121°C)	Not Applicable



Application Instructions *continued*

For Steep-Pitched Roof Applications:

Depending upon the pitch of the roof, roll Premium HT either from the ridge or eave – overlap edge laps must be a minimum of 3" (7cm) and end laps a minimum of 6" (15cm). All laps and seams must be rolled with a hand roller.

For Valley Applications:

For valleys, roll membrane the entire length of the valley – lap the field Premium HT over the valley membrane a minimum of 3" (7cm) prior to the installation of the valley metal or self-adhering flashing.

Re-Roofing Applications:

Premium HT 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 underlayments may be installed directly over Premium HT.

Repair of Premium HT:

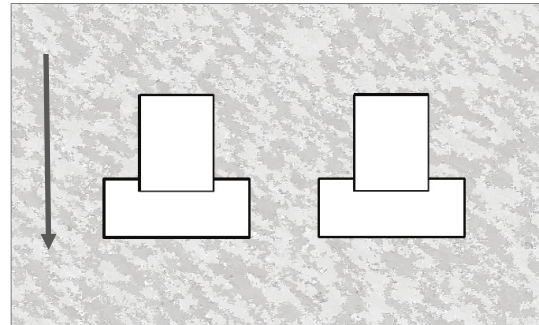
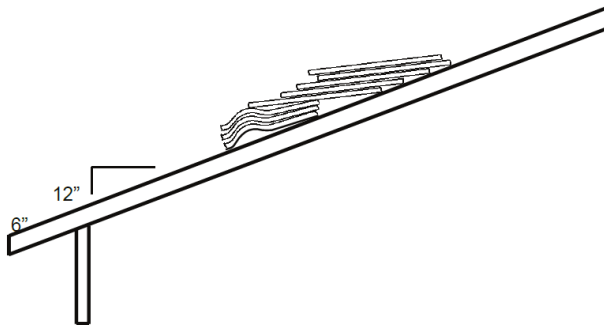
Damaged Premium HT may be repaired by using MFM Low-VOC Spray Adhesive™ or an equivalent adhesive to the area to be repaired 6" (15cm) in either direction. Follow cure times on can before applying repair patch. Cut Premium HT patch to size, remove release liner and press into place. Roll entire area 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 can be directly applied to wood decks. Although not required, it is suggested to prime wood decks surfaces with an MFM-approved primer prior to installation. 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" (2.5cm) minimum from edge at a minimum rate of 12" (30cm) on-center 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.

Stacking Tiles:

A maximum of 8 tiles per stack are allowed when loading tile onto the Premium HT. 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. Refer to MFM recommended tile diagram.



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.
- 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.