

**MFM Building Products Corp.** manufactures a wide range of innovative waterproofing products for the building industry. Founded in 1961, MFM products are engineered for superior performance and ease of installation.

## DESCRIPTION

Ultra HT Wind & Water Seal® is a self-adhering waterproofing underlayment composed of a white, non-slip cross-laminated polyethylene film, laminated to a **high temperature** rubberized aggressive asphalt adhesive. A split release liner protects the adhesive and is removed as the underlayment is installed. This advanced system bonds to the substrate to limit damage caused by water penetration or leaks. Ultra HT Wind & Water Seal® serves as a secondary waterproofing membrane.

## USES

Whole-roof underlayment for shingle, tile, shake or metal roofing. Use in valleys, ridges, around chimneys and at eaves for protection against ice dams and wind-driven rain. Suitable for use in a Class A roofing system when used in an approved assembly per MFM UL listing R11672.

## FEATURES

- Uniform thickness for dependable protection
- Self-seals around fasteners including nails, staples and screws
- High elongation, flexible, accommodates expansion and contraction of the substrate
- Compatible with most construction sealants and primers
- Eliminates leaks – multiple layers of protection seal out water
- Rubberized asphalt won't crack or dry out
- Aggressively adheres – sticks to plywood, metal and most other building materials for ease of application and to eliminate movement of water under the membrane
- Non-slip surface and overlap guide lines for easy installation

## INSTALLATION NOTES:

- Apply in clear, dry weather at temperatures above 50°F
- Surface must be clean, dry, and free from oil and debris
- Clean, dry wood and metal surfaces do not require priming
- Prime masonry, weathered OSB, aged metal and concrete surfaces with an MFM-approved primer – masonry must be fully cured
- It is recommended to tape all deck seams with a flashing membrane like MFM Roof Deck Tape® in a shingled fashion
- Use 3" side laps and 6" end laps
- Apply uniform pressure with a weighted roller, paying special attention to all seams and overlaps
- Minimum roof slope of 2:12 is required (some code approvals require a minimum slope of 3:12 – check your local building codes)
- Use MFM Low-VOC Spray Adhesive™ in cooler temperatures
- Membrane should NOT be folded over roof edge unless covered by a gutter, mechanically fastened every 6" or protected with other flashing materials**

## WARNINGS

- Roof work is dangerous – work carefully and use caution when walking on installed Ultra HT Wind & Water Seal® and the roof deck
- Ultra HT Wind & Water Seal® is a vapor barrier – allow for proper ventilation of the ridge and soffit
- If using under copper, zinc, or Cor-Ten®, please contact MFM Technical Services for proper installation instructions
- If using under clay or concrete tile, refer to your local building codes and approvals to see if product meets published criteria
- Do not expose to direct sunlight for more than 90 days
- Miami-Dade County approved – NOA approval limitations may differ from those advertised
- DO NOT** install over EPDM, PVC, TPO or silicone roofing materials
- DO NOT** install over silicone caulking, or uncured solvents or sealants
- Installer is responsible for compatibility with caulks and sealants
- MFM will not warranty product when used on tongue-and-groove or plank that are not cured and still contain tree resin – resin is not compatible with the asphalt adhesive and will liquify it



## PRODUCT DATA

Material Color	White
Roll Size	36" x 67'
Carton Weight	55 lbs
Rolls per Carton	1
Area per Carton	200 ft <sup>2</sup>
Cartons per Pallet	30
Minimum Installation Temperature	50°F
Service Temperature	-20°F – 250°F

## TECHNICAL SPECIFICATIONS

Property	Test Method	Result
Material Thickness	ASTM D 5147	45 Mils Nom.
Flexibility @ -20°F	ASTM D 1970	Pass
Vapor Permeance	ASTM E 96	<0.02
Nail Sealability	ASTM D 1970	Pass
Tensile MD	ASTM D 412 Die C	>675 psi
Tensile CMD	ASTM D 412 Die C	>675 psi
Adhesion to Plywood @ 75°F	ASTM D 903/1970	>12 lbs/ft
Adhesion to Plywood @ 40°F	ASTM D 903/1970	>2 lbs/ft

## PRODUCT NUMBER | PRODUCT UPC CODE

36" X 67' - 48268      7 25799 48268 3

\*Some results listed may be the test method criteria and not actual test results.

## APPROVALS

Ultra HT Wind & Water Seal® is tested to ASTM D 1970, Florida Building Code FL #11842.3, Miami-Dade County Approved, ICC-ES ESR 1737, LA County (LARC/LABC), State of California (CRC/CBC) Texas Department of Insurance listed, is Fortified Building Program compliant, and Evaluated by CCMC 14048-L.



## CLASS A FIRE RATING



Ultra HT Wind & Water Seal® is a UL classified fire resistant barrier when used in conjunction with 24 GA minimum steel or 16 oz. copper UL listed roofing panels. Refer to the Ultra HT Installation Instructions for required roof deck assemblies.

## 10-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 ten (10) 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).**

