

**MFM Building Products Corp.** manufactures a wide range of innovative waterproofing products for the building industry. With more than 50 years of field experience, 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 polymer 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. Ultra HT adheres aggressively to most clean, dry substrates including metal and plywood. Prime masonry, weathered OSB and aged metal surfaces as necessary to achieve good adhesion. The rubberized asphalt adhesive self-seals around punctures such as nails, screws and staples. This advanced system bonds to the substrate to limit damage caused by water penetration or leaks. Ultra HT is ideal for secondary water resistance.

## 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.

## FEATURES

Ultra HT offers the contractor and property owner these extra 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 – protects from rain
- 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

- Surface must be clean, dry and free from oil
- Apply in clear, dry weather at recommended temperatures
- Clean, dry wood and metal surfaces do not require priming
- Prime masonry, OSB and weathered surfaces as necessary – masonry must be fully cured
- Use 3" side laps and 6" end laps
- Apply uniform pressure with a 2-3" hand roller to the seams and overlaps
- When used as a whole roof covering, allow for proper ventilation of the ridge and soffit
- Minimum roof slope of 2:12 is required (some code approvals require a minimum slope of 3:12 – check your local building codes for required roof slope)
- Do not expose to direct sunlight for more than 90 days
- Approval limitations may differ from those advertised
- Do not install over solvent-based sealants unless fully cured – active solvents may liquefy bottom adhesive surface
- Installer is responsible for compatibility with caulks and sealants
- Membrane should NOT be folded over roof edge unless covered by a gutter, mechanically fastened every 6" or protected with other flashing materials



## PRODUCT DATA

|                                |                     |
|--------------------------------|---------------------|
| Installation Temperature Range | >50°F               |
| Material Color                 | White               |
| Roll Width                     | 36"                 |
| Roll Length                    | 67 ft               |
| Carton Weight                  | 55 lbs              |
| Rolls per Carton               | 1                   |
| Area per Carton                | 200 ft <sup>2</sup> |
| Cartons per Pallet             | 30                  |
| Max Temp.                      | 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         |
| 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

36" - 48268

## APPROVALS

Ultra HT is tested to ASTM D 1970, meets Florida Building Code FL #16562 and is Miami-Dade County Approved.



## 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).**

