

METAL PANEL SYSTEMS



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. This advanced system bonds to the substrate to limit damage caused by water penetration or leaks. Ultra HT 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.

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

- Apply in clear, dry weather at temperatures above 50°F
- Surface must be clean, dry and free from oil – broom substrate clean and apply product
- 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 so water flows over the laps
- Use 3" side laps and 6" end laps
- Apply uniform pressure with a 2-3" hand roller to the 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 for required roof slope)
- 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

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 is a vapor barrier – allow for proper ventilation of the ridge and soffit
- 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** use with solvent-based or silicone caulking
- **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

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 ²
Cartons per Pallet	30
Max Temp.	250°F

TECHNICAL SPECIFICATIONS

Property	Test Method	Result
Material Thickness	ASTM D 5147	45 Milis 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
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Adhesion to Plywood @ 75°F	ASTM D 903/1970	>12 lbs/ft
Adhesion to Plywood @ 40°F	ASTM D 903/1970	>2 lbs/ft

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

APPROVALS

Ultra HT is tested to ASTM D 1970, Florida Building Code FL #11842.5, Miami-Dade County Approved, ICC-ES ESR 1737, Texas Department of Insurance listed, and CCMC 14048-L.



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.

