

# BLACK WIND & WATER SEAL™

*MFM Building Products Corp. manufactures a wide range of innovative waterproofing products for the building industry. Proven through many years of use in the field, MFM products are engineered for superior performance and ease of installation.*

## DESCRIPTION

**Black Wind & Water Seal™** is a self-adhesive mineral surface underlayment which is adhered directly to the roof deck. The specially formulated rubberized asphalt adhesive seals around nails and forms a long-lasting barrier. **Black Wind & Water Seal** is backed with a protective release sheet which removes easily during application. The release sheet is slit in the middle for easy valley applications. The sand surface contains a high-strength non-woven fiberglass mat which is coated with a rubberized asphalt compound. Sand is applied to the top surface for an improved walking surface. A selvage edge allows for a secure seal on overlaps.

## USES

**Black Wind & Water Seal** installs under shingles, tile, or metal to protect from leaks due to ice dams and blowing rain. Suitable for use in new construction and reroofing, **Black Wind & Water Seal** protects the roof and won't crack or dry out. Apply directly to the roof deck at eaves, valleys, vents, skylights and chimneys. **Black Wind & Water Seal** may be installed across the entire roof as a secondary water barrier or where there is a history of leaks.

## APPLICATION

**Black Wind & Water Seal** may be installed under shingles, tile and metal roofing to provide a barrier wherever blowing rain, ice dams or excessive water is expected. The membrane shall be applied in fair weather at a minimum temperature of 40° F. The surface to receive **Black Wind & Water Seal** shall be clean, dry and smooth. Prime masonry and other surfaces as necessary to achieve good adhesion. Coat end laps with roofing mastic to ensure a watertight seal. Mechanical fasteners may be used. Extend **Black Wind & Water Seal** above the highest level water is expected. Recommended minimum slope for installation is 2 inches per foot. FOLLOW INSTRUCTIONS ON CARTON!

## WARNINGS

- Roof work is dangerous - work carefully! Use caution when walking on installed **Black Wind & Water Seal** and the roof deck.
- **Black Wind & Water Seal** is a vapor barrier - allow for proper ventilation of the roof.
- Keep product dry and out of direct sunlight.
- Store **Black Wind & Water Seal** in original carton until ready to use.
- Cover within 90 days of application.

## PRODUCT DATA

Color, surface	Black, Sanded
Roll Width	36"
Selvage width	3"
Roll Length	50'
Area/Carion	150 ft <sup>2</sup>
Shipping Weight	63 lbs

## TECHNICAL DATA

Thickness	55 mils min.
Tensile Strength	>42 lb MD >33 lb CD
Elongation at Break	>40% CD >30% MD
Tear Resistance	>60 lbs/sq CD >50 lbs/sq MD
Water Absorption	< 0.001
Moisture Vapor	<0.1 perms
Nail Sealability	PASS
Cold Flexibility @ -20° F	No cracks - PASS
Thermal Stability	PASS
Slip Resistance	PASS
Minimum Slope	3 : 12
Application Range	40° F - 100° F
Service Range	-30° F - 140° F

All testing per ASTM D 1970 unless otherwise noted.

## 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 and will, at its option, resupply or refund the purchase price of any materials proven to be defective. Misapplication or poor workmanship is specifically excluded under the terms of this warranty. MFM shall be liable for no additional remedies, hereby expressly denying any other claims for damages, whether direct or indirect, consequential or incidental, including but not limited to property damage, personal injury to the buyer or to a third party and loss of business or profit arising from the use or inability to use the product. Any implied warranties arising under state law are limited to the duration and terms of this express warranty.