



## WindowWrap PSX-20

**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

WindowWrap is designed as a waterproofing tape for windows, doors, and building joints. With proper application, WindowWrap will prevent water leaks, air infiltration, and reduce noise. WindowWrap is a self-adhered membrane consisting of a SBS rubberized asphalt which is laminated to an aluminized polyester film. The patented aluminized top surface prevents stretching during installation and allows WindowWrap to be left uncovered for up to 180 days.

### FEATURES

- Patented, aluminized laminate construction (U.S. Patent No. 6,479,119) resists exposure to ultraviolet rays
- SBS modified membrane is a consistent thickness which adheres and remains flexible at low temperatures
- Adheres to prepared substrates of plywood, OSB, masonry, aluminum, vinyl, steel, drywall, and housewrap
- Impermeable to water, moisture vapor, and air
- Self-seals around nails and other mechanical fasteners
- Easy to remove paper backing

### TECHNICAL DATA

PERFORMANCE		TEST	RESULT
Tensile Strength	MD	ASTM D1970	16.05 lbf
	XMD	ASTM D1970	21.29 lbf
Post UV Tensile Strength	MD	ASTM D1970	14.39 lbf
	XMD	ASTM D1970	11.784 lbf
Elongation		ASTM D1970	>290%
Low Temperature Pliability		ASTM D1970	Pass @ -10°F
Nail Sealability		ASTM D1970	Pass
Peel Adhesion –	Tyvek®	ASTM C794	8.04 lbf/in
	OSB	ASTM C794	9.06 lbf/in
	7/16" OSB	ASTM D3330	20.7 oz/in
Aged Peel Adhesion –	Tyvek®	ASTM C794	10.33 lbf/in
	OSB	ASTM C794	5.10 lbf/in
Water Vapor Transmission		ASTM E96	0.008 perms

*Testing done by Momentum Technologies, Inc., Uniontown, OH (October, 2002) and Stork-Twin City Testing, St. Paul, MN (June, 2002).*

### PRODUCT SPECIFICATIONS

Thickness	25 mils min.
Outer Surface	Aluminized polyester
Bottom Surface	Siliconized release paper
Service Temperature	-40°F to 180°F
Application Range: PSX-20	50°F to 120°F
Widths Available	3", 4", 6", 9", 12"
Roll Length	100'
Coverage	300 ft <sup>2</sup> per carton
Carton Weight	56 lbs
Pallet Quantity	30 cartons

## WindowWrap PSX-20

### USES

Install WindowWrap beneath the primary siding system as a backup waterproofing system. Use WindowWrap to flash around windows and doors in new construction and in replacement installations. WindowWrap may be used to seal joints, around vents and other openings under most exterior surfaces including brick, stucco, wood and vinyl or metal siding. May be used at head, sill, chimney shoulder, pot shelves, parapets and pony walls. WindowWrap may replace ordinary Kraft paper or building wrap in wall system construction where extra protection is required. Since WindowWrap is flexible, it will move with the building ensuring a long-lasting seal.

### STORAGE

Store cartons on end in a cool, dry place. Store product in carton until use. Do not expose release paper to sunlight or moisture. Rotate inventory to use older cartons of WindowWrap first.

### SURFACE PREPARATION

WindowWrap may be applied directly to most vertical or horizontal surfaces. Acceptable surfaces to receive the membrane include wood, composition wood panels, metal, vinyl and masonry. The surface to receive WindowWrap must be clean, dry and free from oil, grease or debris. Prime (and allow to dry completely) all concrete or masonry substrates and dirty, dusty or weathered surfaces with MFM Prime-A-Seal or a water, polymer or solvent based primer to obtain a smooth, clean surface. Some wood composition panels - particularly oriented strand board (OSB) - may require priming. WindowWrap may be mechanically attached using nails, screws, staples or other types of fasteners where the surface cannot be made smooth, clean and dry. Apply WindowWrap in fair weather at recommended temperatures. Test adhesion to the substrate with a hand sample before proceeding. If the product is to be applied in cool weather the rolls should be stored in a warm place until needed and an electric heat gun may be used to gently warm the substrate and overlaps. To improve adhesion, use MFM Spray Adhesive before applying.

### INSTALLATION

Refer to WindowWrap Installation Instructions and Guide Specification on WindowWrap for detailed information.

Tools Needed for Installation: 1) Utility knife, 2) Hand Roller, 3) Gloves, 4) MFM Spray Adhesive

WindowWrap is applied like a tape to connect and seal the window flange to the surrounding surfaces. The product is installed by removing the release paper and rolling the membrane onto the surface. To simplify handling on vertical surfaces cut the membrane to fit window or into lengths of no more than 10'-12'. WindowWrap may be cut using scissors or utility knife.

WindowWrap is a pressure sensitive product. Carefully unroll the sheet without stretching, peeling the release paper and pressing the membrane into place as you go, making sure to eliminate air pockets and keeping the roll properly aligned. Roll with a hand-held roller to assure smooth, uninterrupted contact. So that any moisture flows over the laps, start with the bottom strip and work up. Side strips should be installed next and should overlap the bottom strip. The head of the window should be stripped in last. Tape at the head of the window should be applied against the shear wall and under the house wrap (if applicable). WindowWrap adheres to the substrate and to itself when overlapped. When necessary, overlap by at least 4". WindowWrap may be mechanically attached if needed.

No special tapes or sealants are required under ordinary circumstances. However, where an extraordinary condition interferes with smooth installation a bead of premium exterior grade caulk may be used at the edge to fill any voids. Do not encapsulate uncured solvent-based caulks by covering with membrane as the asphalt compound may liquefy and run. Slight adjustments in direction are possible by guiding the roll during application. If a major change in direction is necessary, cut the sheet with a razor knife, overlap the sheet 4", realign and start again. Small wrinkles are not desirable, but can be smoothed out and will not affect the performance of the membrane. Large wrinkles should be avoided and repaired, if necessary, by cutting and patching the area with WindowWrap.

WindowWrap may be left exposed for up to 180 days before covering.