



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-Flex™ is a flexible waterproofing tape for windows, doors, and building joints. With proper application, WindowWrap-Flex will prevent water leaks, air and insect infiltration, and reduce noise. WindowWrap-Flex is a self-adhered membrane consisting of a rubberized asphalt adhesive which is laminated to cross-laminated polyethylene crepe film. The crepe film allows WindowWrap-Flex to be stretched around arched windows, doorways and other popular curved shapes.

FEATURES

- Cross-laminated polyethylene crepe film allows exceptional stretch and durability.
- Rubberized asphalt adhesive is a consistent thickness and remains flexible over a wide temperature range.
- Adheres to prepared substrates of plywood, OSB, masonry, aluminum, rigid vinyl, steel, drywall, and house wrap.
- Impermeable to water vapor, moisture, insects, and air.
- Self-seals around nails and other mechanical fasteners.
- Easy-to-remove paper backing for quick installation.

TECHNICAL DATA

Thickness	70 mils min.
Outer Surface	Cross-laminated polyethylene
Bottom Surface	Siliconized release paper
Service Temperature	-40°F to 180°F
Application Range:	50°F* to 120°F
Widths Available	4", 6", 9", 12"
Roll Length	50'
Area per Carton	150 ft ²
Carton Weight	52 lbs
Pallet Quantity	30 cartons

PERFORMANCE		TEST	RESULT
Tensile Strength	MD	ASTM D1970	>36 lbf
	XMD		>23 lbf
Elongation		ASTM D1970	>300%
Low Temperature Pliability		ASTM D1970	Pass @ -10°F
Nail Sealability		ASTM D1970	Pass
Water Vapor Transmission		ASTM E96	0.008 perms

WindowWrap-*Flex*™

USES

Install **WindowWrap-*Flex*™** around window and door openings beneath the exterior siding as a backup waterproofing system. Use **WindowWrap-*Flex*** to flash windows and doors in new construction or in replacement installations. Use to seal joints, vents and other openings under most exterior surfaces including brick, stucco, wood and vinyl or metal siding. The properties of **WindowWrap-*Flex*** allow it to conform to arched and curved windows and doorways as well as other shapes and openings. **WindowWrap-*Flex*** may replace Kraft paper, metal flashing, foam sealants, house wrap, and tapes in wall system construction where extra protection is required. Since **WindowWrap-*Flex*** is extremely flexible, it will move with the building, ensuring a long-lasting seal.

SURFACE PREPARATION

WindowWrap-*Flex* may be applied directly to most vertical or horizontal surfaces. Acceptable surfaces to receive the membrane include wood, composition wood panels, metal, rigid vinyl and masonry. The surface to receive **WindowWrap-*Flex*** 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™** to obtain a smooth, clean surface. Some wood composition panels – particularly oriented strand board (OSB) – may require priming or use of **MFM Spray Adhesive™** if the **WindowWrap-*Flex*** is unwilling to adhere. **WindowWrap-*Flex*** 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-*Flex*** 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 cooler weather the rolls should be stored in a warm place until needed. An electric heat gun may be used to gently warm the substrate and overlaps. To improve adhesion in cool weather, use **MFM Spray Adhesive™** before applying. **Do not use WindowWrap-*Flex* with flexible vinyl gaskets! MFM recommends applying WindowWrap directly to the sheathing, underneath any house wrap.**

INSTALLATION

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

WindowWrap-*Flex* 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, cut strips of tape to fit window or into lengths of no more than 10'-12'. **WindowWrap-*Flex*** may be cut using scissors or a utility knife.

WindowWrap-*Flex* is a pressure-sensitive product. Carefully unroll the sheet, peeling off the release paper and pressing the membrane into place as you go, making sure to eliminate air pockets and keeping the roll properly aligned. Firmly roll adhered tape with a hand roller to assure smooth, uninterrupted contact. So that any moisture flows over the laps, begin at the bottom strip and work up. The first strip should be placed before the window is installed, on the bottom and wrapping inside the window opening. This allows any water to drain out from the window opening. Side strips should be installed next and must overlap the bottom strip. The head of the window is taped last and must overlap the side strips. Apply **WindowWrap-*Flex*** directly to the shear wall, underneath any house wrap, particularly at the window header. **WindowWrap-*Flex*** adheres to the substrate and to itself when overlapped. When necessary, overlap by at least 3". When stretched over extreme curvatures, MFM recommends mechanically attaching **WindowWrap-*Flex*** to ensure a long-lasting seal. To improve adhesion, use **MFM Spray Adhesive™** when applying.

No special edge 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 liquify 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. Large wrinkles or gaps should be avoided and repaired, if necessary, by cutting and patching the area with **WindowWrap-*Flex***.

WindowWrap-*Flex*™ may be used with **WindowWrap-PSX20™** or **WindowWrap-Butyl™** for a complete window waterproofing system.