

MFM Building Products Corp. manufactures a wide range of innovative waterproofing products for the building industry. Founded in 1961, MFM products are engineered for superior performance and ease of installation.

DESCRIPTION

Peel & Seal PowerBond® is designed to be left exposed to the elements and is composed of a white-coated aluminum foil laminated to a cross-laminated polyethylene film with a patented PowerBond® adhesive system. The PowerBond™ adhesive adheres to most surfaces and seals around most punctures, forming a protective waterproof barrier. A release liner is applied to shield the adhesive surface until product is installed. Peel & Seal PowerBond® may be installed at temperatures as low as 25°F.

USES

Peel & Seal PowerBond® 250 is designed to tape seams on insulated aluminum panels. It may also be used as a flashing material, for roof and gutter repair, window flashing and as a general purpose waterproofing membrane. After installation, Peel & Seal PowerBond® 250 may be left exposed to sunlight indefinitely.

FEATURES

- Aggressively sticks to most surfaces
- Comes in shrink-wrapped and labeled rolls for retail display
- Easy to install, low cost and labor saving
- Installs at temperatures as low as 25°F
- 15 year limited warranty
- Lightweight and easy to handle
- Tough and durable – puncture and abrasion resistant
- Stretches to allow for building movement and conforms to odd shapes
- Requires no coating or covering for exposure to sunlight

INSTALLATION

This is a summary of how the product is installed. FOLLOW APPLICATION INSTRUCTIONS ON THE CARTON. Use an MFM-approved EPDM primer when applying to EPDM surfaces. See website for details.

General Installation: Peel & Seal PowerBond® 250 is easily installed by removing the release liner and pressing into place. It may be cut to fit with a utility knife. It adheres to the deck and to itself when overlapped. Roll surface and seams with a hand roller. Apply in fair weather at temperatures above 25°F. Minimum slope of 1/2" per foot is required. Not intended for areas with ponding water. When overlapping, 3" side laps and 6" end laps are required.

Masonry, concrete, weathered wood and rusted metal should be primed with an MFM-approved primer. To improve adhesion, use MFM Low-VOC Spray Adhesive™ as needed. When installing over silicone caulks, sealants or petroleum-based materials, allow any solvents to fully cure. DO NOT install over PVC or silicone roofing materials – adhesive is not compatible with these materials. Installer is responsible for compatibility with caulks and sealants.

For Insulated Aluminum Panels

Thoroughly clean the area with acetone and let dry about 1/2 hour. Apply Peel & Seal PowerBond® 250 over the finished panel seams. Peel back about 12" of the release liner, center over the seam and press into place. Continue to peel back release liner as the roll is unrolled. Firmly roll with a hand roller to ensure good adhesion. It must overlap at least 6" and be installed in a shingle-like manner so that water runs over the laps.

For gutter repair

Make sure the gutter is clean and dry. If corroded, prime with an MFM-approved primer. Apply Peel & Seal PowerBond® 250 the length of the gutter to minimize seams. End laps should be 6" minimum. Roll entire surface with a hand roller, paying special attention to seams.

Window Flashing

Follow generally accepted methods for window flashing as published in ASTM E 2112 or MFM's WindowWrap® Installation Instructions.

General Purpose Flashing

Follow general installation instructions above. Make sure overlaps are such that water will flow over the lap. Roll entire surface with a hand roller, paying special attention to seams and edges.



PRODUCT DATA

Material Color	White
Roll Sizes	4", 6" x 50'
Carton Weight	33 lbs
Rolls per Carton	9, 6
Area per Carton	150 ft ²
Cartons per Pallet	36
Installation Temperature Range	>25°F
Service Temperature	-20°F – 170°F

TECHNICAL SPECIFICATIONS

Property	Test Method	Result
Material Thickness	ASTM D 5147	25 Mils Nom.
Flexibility @ -20°F	ASTM D 1970	Pass
Vapor Permeance	ASTM E 96	<0.01
Nail Sealability	ASTM D 1970	Pass
Tensile MD	ASTM D 2523	32 lbs/in
Tensile CMD	ASTM D 2523	33 lbs/in
Elongation MD	ASTM D 2523	788%
Elongation CMD	ASTM D 2523	779%
Adhesion to Stainless Steel	ASTM D 1970	17 lbs/in

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

PRODUCT NUMBERS / UPC CODES

6" - 56606	7 25799 10005 1
4" - 56604	7 25799 10004 4



15-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 fifteen (15) 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.

PowerBond® is protected by US Patent No. 8,603,629.