



MFM Building Products Corp. manufactures a wide range of innovative waterproofing products for the building industry. Since 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® may be used anywhere a fast dependable waterproofing barrier is needed. It is ideal for roofing, patching, gutter repair, flashing, and general waterproofing where the membrane will be exposed. Designed for low-slope roof applications, it is ideal for mobile homes, trailers, RVs, sun rooms, and over metal roofs. No glues, torches, tapes or fasteners are required – only a utility knife and a hand roller are required.

FEATURES

- Waterproof and weatherproof
- Aggressively sticks to most surfaces
- Installs at temperatures as low as 25°F
- 15 year limited warranty
- Lightweight and easy to handle
- Stretches to allow for building movement
- Requires no coating or covering for exposure to sunlight
- For roofing, waterproofing, patching and repair – hundreds of uses

INSTALLATION

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

General Installation: Peel & Seal PowerBond® 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. Installer is responsible for compatibility with caulks and sealants. DO NOT apply over PVC and silicone roofing materials – adhesive is not compatible with these materials.

For Insulated Aluminum Panels: Thoroughly clean the area with acetone and let dry about 1/2 hour. Apply 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 Peel & Seal PowerBond® 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® 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 hand roller, paying special attention to seams and edges.

PRODUCT DATA

Material Color	White
Roll Sizes	4", 6" x 33.5'
Carton Weight	33 lbs
Rolls per Carton	9, 6
Area per Carton	100 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	45 Mil's 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 | PRODUCT UPC CODES

6" - 56206	NA
4" - 56204	7 25799 10003 7

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.