

Product Evaluation

RC38 | 0420

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: RC-38

Effective Date: April 1, 2020

Re-evaluation Date: April 2024

Product Name: MFM Peel & Seal® Installed Over a Plywood Roof Deck

Manufacturer: MFM Building Products Corporation
525 Orange Street
Coshocton, OH 43812
(740) 622-2645

General Description:

MFM Peel & Seal® is a self-adhering, rolled roofing, membrane consisting of laminated aluminized foil, cross laminated high-density polymer film and a thick rubberized asphalt that is protected by a removable release liner. Rolls are available in widths of 36", 18", 12", 9", 6", and 4" and in four colors: aluminum, granite gray, white, and almond.

Limitations:

Design Wind Pressure: -52.5 psf

For All Applications: Do not install the product on roof slopes less than 1/2:12. Peel & Seal® roofing less than 36" in width must not be installed. Peel & Seal® must not be applied to metal, masonry, and any existing roof covering or insulation material. The roof framing members must be spaced a maximum of 24" o.c.

Installation:

General Installation Requirements: All the IRC and the IBC requirements must be satisfied, and manufacturer's installation instructions followed, unless otherwise specified by this product evaluation.

Roof Deck: Peel & Seal® must be adhered directly to a minimum 19/32" plywood roof deck complying with the IRC. The deck must be clean, smooth, dry and free from oil, grease, solvents or debris.

Underlayment: No underlayment is permitted.

Preparation: Tape the joints of plywood or other rigid board members with 3" duct or other plasticized, construction grade tape. Prior to applying Peel & Seal® over caulks, sealants or petroleum-based materials, allow any solvents to fully evaporate and cured. DO NOT install Peel & Seal® over silicone-based caulks and sealants. The plywood deck must be primed with an MFM approved primer prior to the application of the Peel & Seal®. Peel & Seal® must be used in dry conditions where the temperature of the membrane and the deck surface is 55°F or higher.

Installation: Peel & Seal® should be applied perpendicular to the slope on roofs of up to 3:12; parallel to the slope on roofs exceeding 3:12. A side lap of 3" and an end lap of 6" are required. Apply maximum pressure uniformly over the entire membrane using a hand roller. Peel & Seal® should be checked for proper adhesion regularly during the installation process. All overlaps and edges must be rolled with a hand roller and checked for adhesion.

Note: Keep the manufacturer's installation instructions available on the job site during the installation. Installation instructions can also be located on the product carton as well on the company's website: www.mfmbp.com. Use corrosion resistant fasteners as specified in the IRC and the IBC.