

Evaluation Report "IB-3™ StormStopper Plus"

Roof Underlayment

Manufacturer:

MFM Building Products Corp.

525 Orange Street

Coshocton, Ohio 43812

(740) 622-2645

for

Florida Product Approval

FL 41919.1

Florida Building Code 7th Edition (2020)

Method: 1 - D

Category: Roofing

Sub - Category: Underlayment

Products: "IB-3™ StormStopper Plus"

Description: Self-Adhered Underlayment

Prepared by:

James L. Buckner, P.E., SECB

Florida Professional Engineer # 31242

Florida Evaluation ANE ID: 1916

Project Manager: Diana Galloway

Report No. 23-256-IB3SSP-ER (New)

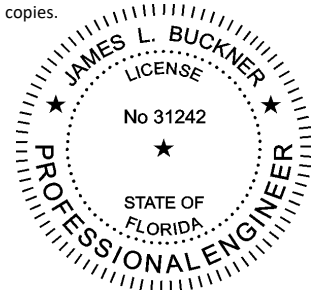
Date: 02 / 09 / 23

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This item has been electronically signed and sealed by James L. Buckner, P.E., on this date using a Digital Signature. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copies.



A handwritten signature in blue ink, appearing to read "James L. Buckner".

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Manufacturer:	MFM Building Products Corp. 525 Orange Street Coshocton, Ohio 43812 (740) 622-2645 www.mfmbp.com
Product Name:	“IB-3™ StormStopper Plus”
Product Category:	Roofing
Product Sub-Category	Underlayment
Compliance Method:	State Product Approval Rule 61G20-3.005 (1) (d)
Product Description:	“IB-3™ StormStopper Plus” Self-Adhered roofing underlayment comprised of a mineral surface with a rubberized asphalt adhesive and backed with a removable release liner and a selvedge edge.
Support Substrate:	Product has demonstrated compliance for application to the following substrates: Plywood Deck (APA Rated) (Design of support is outside the scope of this evaluation)
Roof Slope:	Minimum slope shall be 2:12 And in compliance with FBC Chapter 15 based on the type of roof covering, applicable code sections and in accordance with manufacturer’s recommendations.
Performance:	The product described herein has demonstrated compliance with: • ASTM D 1970-15a
Performance Standards:	• ASTM D 1970-15a – <i>Specification Self-adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roof Underlayment for Ice Dam Protection</i>
Standards Equivalency:	The ASTM D 1970-21 standard version used to test the product meets the prescribed standards in ASTM D 1970-15a standard version adopted by the Florida Building Code 7th Edition (2020) for use as evaluated in this report.
Code Compliance:	The product(s) described herein have demonstrated compliance with the performance standards listed above as referenced in the Florida Building Code 7th Edition (2020) .
Evaluation Report Scope:	This product has been evaluated in compliance with the building envelope requirements of the Florida Building Code, as related to the scope section to Florida Product Approval Rule 61G20-3.001

Product Limitations and Conditions of Use:

- Deck shall be in compliance with applicable building code.
- Minimum slope shall be 2:12 or greater.
- Ensure that roof system provide adequate ventilation to prevent moisture buildup in interior structure.
- Not to be applied over PVC or with any solvent based or silicone roofing products.
- Product is acceptable for use with any roof covering system which specifically references product in the FBC approval. If not listed, an application may be submitted to the local building jurisdiction for approval based on this evaluation combined with supporting data for the roof covering and its attachment to support.
- Do not expose product to direct sunlight for more than 30 days

General Limitations and Conditions of Use:

- Scope of "Limitations and Conditions of Use" for this evaluation:
This evaluation report for "Optional Statewide Approval" contains technical documentation, specifications and installation method(s) which include "Limitations and Conditions of Use" throughout the report in accordance with Rule 61G20-3.005. Per Rule 61G20-3.004, the Florida Building Commission is the authority to approve products under "Optional Statewide Approval".
- This report is a building code product evaluation per FLPE rule (FAC) 61G15-36 to comply with Florida product approval rule (FAC) 61G20-3. This evaluation report is part of the Florida Building Commission approval for the listed code related criteria. This report by James Buckner, P.E. and CBUGK Engineering is not a design certification of code compliance construction submittal documentation, per FBC section 107, for any individual structure, site specific or permit design.
- Design of support system is outside the scope of this report.
- Fire Classification is outside the scope of Rule 61G20-3, and is therefore not included in this evaluation.
- This evaluation report does not evaluate the use of this product for use in the High Velocity Hurricane Zone code section. (Dade & Broward Counties)
- Option for application outside "Limitations and Conditions of Use"
Rule 61G20-3.005(1)(e) allows engineering analysis for "project specific approval by the local authorities having jurisdiction in accordance with the alternate methods and materials authorized in the Code". Any modification of the product as evaluated in this report and approved by the Florida Building Commission is outside the scope of this evaluation and will be the responsibility of others.

Quality Assurance:

The manufacturer has demonstrated compliance of roof panel products in accordance with the Florida Building Code and Rule 61G20-3.0005 (3) for manufacturing under a quality assurance program audited by an approved quality assurance entity through Keystone Certifications, Inc. (FBC Organization ID# QUA 1824).

**Components/Materials
(by Manufacturer):**

Product Name: **"IB-3™ StormStopper Plus"**
Material: Mineral surface with rubberized asphalt
Thickness: 56 mils (nominal)
Dimensions: 36" x 65' (195 sqft) rolls
Standard: ASTM D1970

Installation:

General Installation Instructions:

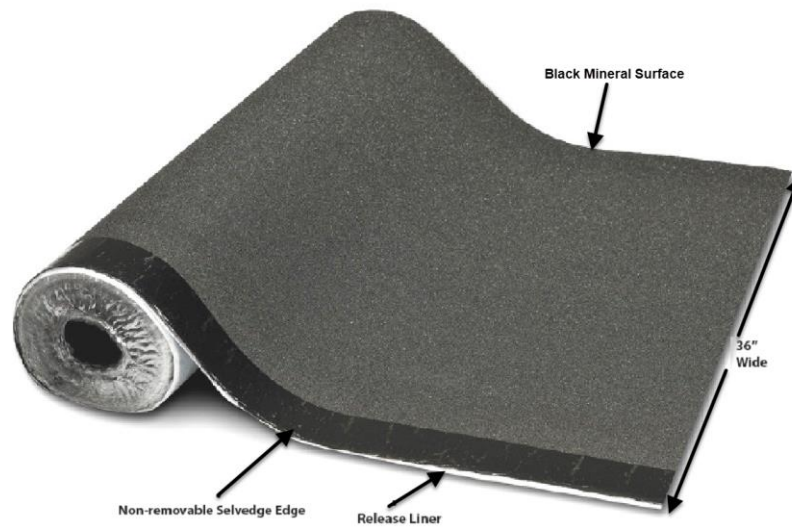
- Product to be applied directly to a clean dry surface.
- Dust, dirt, oil, grease, moisture, debris and other loose materials or contaminants must be removed prior to application.
- Check that all nails in deck are not protruding and re-fasten any loose decking panels.
- Cut the membrane to appropriate length.
- Peel back the release sheet, align the membrane and press into place onto roof deck.
- Apply with selvedge on upward slope.
- Overlap end laps a minimum of 6". Side laps must be a minimum of 3".
- Store product in the carton in a dry place until ready to use. Keep product out of direct sunlight.
- Protect membrane from damage during construction.
- Apply membrane only in fair weather when the air, surface and membrane are at a minimum temperature of: 40° F

Installation shall comply with FBC Section 1507.1.1, applicable code sections of the current FBC, this report (subject to the Limitations and Conditions of Use listed in this Evaluation Report) and manufacturer's installation instructions as a supplemental guide for attachment

Referenced Data:

1. ASTM D 1970-21 Test
By NEMO ETC LLC (SOUTH CAROLINA)
(FBC Organization ID# TST 6049)
Report No. 4j-MFM-23-SSUDL-01.A, Test Date: 2/01/23
2. Equivalency of Test Standard Certification
By James L. Buckner, P.E. @ CBUG Engineering
(FBC Organization # ANE 1916)
3. Quality Assurance
Keystone Certifications, Inc. (FBC Organization ID# QUA 1824)
MFM Building Products Corp. Licensee #335
4. Certification of Independence
By James L. Buckner, P.E. @ CBUG Engineering
(FBC Organization # ANE 1916)

**MFM Building Products Corp.
Product Illustrations**



IB-3™ StormStopper Plus - Product View



IB-3™ StormStopper Plus - Carton View