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Product Approval
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[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

OFFICE OF THE SECRETARY

FL # FL18686-R3
Application Type Revision
Code Version 2017
Application Status Approved
 *Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

Comments
Archived

Product Manufacturer GAF
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Category Roofing
Subcategory Underlayments

Compliance Method Evaluation Report from a Product Evaluation Entity

Evaluation Entity Miami-Dade BCCO - EVL
Quality Assurance Entity Miami-Dade BCCO - CER
Quality Assurance Contract Expiration Date 02/22/2023
Validated By Miami-Dade BCCO - VAL

Certificate of Independence

Referenced Standard and Year (of Standard)	Standard	Year
	ASTM D226	2009

Equivalence of Product Standards
Certified By

Sections from the Code

Product Approval Method Method 1 Option C

Date Submitted 02/26/2018

Date Validated 03/16/2018

Date Pending FBC Approval

Date Approved 03/26/2018

Summary of Products

FL #	Model, Number or Name	Description
18686.1	FeltBuster	High-Traction Synthetic Roofing Felt
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other:		Installation Instructions FL18686_R3_II_18-0119.15.pdf Verified By: Miami-Dade BCCO - EVL Created by Independent Third Party: Evaluation Reports FL18686_R3_AE_18-0119.15.pdf

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DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

GAF
1 Campus Drive
Parsippany, NJ 07054

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: GAF Leak Barriers and Roof Deck Protection

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews and revises NOA 16-1213.04 and consists of pages 1 through 10.
The submitted documentation was reviewed by Hamley Pacheco, P.E.



NOA No.: 18-0119.15
Expiration Date: 02/22/23
Approval Date: 02/22/18
Page 1 of 10

ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Underlayment
Material: SBS/Polypropylene/Asphalt

PRODUCTS DESCRIPTION:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
WeatherWatch® Mineral Surfaced Leak Barrier <i>Manufacturing</i> <i>Location #1, 9</i>	36" x 50' rolls 36" x 66.7' rolls	ASTM D 1970	Granular surfaced modified, fiberglass reinforced, bituminous sheet material for use as a leak barrier underlayment in sloped roof assemblies. Designed as an ice & rain shield.
StormGuard® Film Surfaced Leak Barrier <i>Manufacturing</i> <i>Location #1, 9</i>	36" x 66.7' rolls	ASTM D 1970	Modified, fiberglass reinforced, bituminous sheet material for use as a high temperature leak barrier underlayment in sloped roof assemblies. Designed as an ice & rain shield.
Liberty™ SBS Self-Adhering Base/Ply Sheet <i>Manufacturing</i> <i>Location #1, 9</i>	39- ³ / ₈ " x 66' rolls	ASTM D 1970 ASTM D4601 Type II	Self-adhering SBS roof membrane.
Deck-Armor™ Premium Breathable Roof Deck Protection <i>Manufacturing</i> <i>Location #2</i>	54" x 222' rolls 48" x 100' rolls	ASTM D 226 Type II	A UV-stabilized polypropylene breathable underlayment. To be used for roof deck protection as an underlayment in sloped roof assemblies.
Tiger Paw™ Roof Deck Protection <i>Manufacturing</i> <i>Location #3, 5, 6</i>	48" x 250' rolls 48" x 100' rolls	ASTM D 226 Type II	A UV-stabilized polypropylene non-breathable underlayment. To be used for roof deck protection as an underlayment in sloped roof assemblies.
FeltBuster® High-Traction Synthetic Roofing Felt <i>Manufacturing</i> <i>Location #7, 8</i>	48" x 250' rolls	ASTM D 226 Type I	A UV-stabilized polypropylene non-breathable underlayment. To be used for roof deck protection as an underlayment in sloped roof assemblies.
Shingle-Mate® Roof Deck Protection <i>Manufacturing</i> <i>Location #4</i>	36" x 144' rolls	ASTM D 226 Type I	Fiberglass-reinforced asphalt felt underlayment. To be used for roof deck protection as an underlayment in sloped roof assemblies.



PRODUCTS DESCRIPTION:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
Liberty™ SA Glass Cap Sheet <i>Manufacturing Location # 9</i>	39-3/8" x 34' rolls	ASTM D 1970 ASTM D 6163 ASTM D 7530	Granular surfaced modified, fiberglass reinforced, self-adhering SBS roof membrane.
GAFGLAS® Ply 4 <i>Manufacturing Location # 9, 10</i>	39.37" (1 meter) Wide	ASTM D2178 Type IV	Asphalt impregnated glass felt with asphalt coating.
GAFGLAS® FlexPly™ 6 <i>Manufacturing Location # 9, 10</i>	39.37" (1 meter) Wide	ASTM D2178 Type VI	Asphalt impregnated glass felt with asphalt coating.

MANUFACTURING LOCATION:

- 1.Mt. Vernon, IN
- 2.North Bay, Ontario
- 3.Mission, British Columbia
- 4.Pryor, OK
- 5.Qingdao, China
- 6.Charleston, SC
- 7.Spartanburg, SC
- 8.Dadra, India
- 9.Savannah, GA
- 10.Mobile, AL



EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Intertek Testing Services NA Ltd.	3077464-01	ASTM D 1970	08/23/06
	3090131	Wind Uplift and Self Sealability	08/23/06
	100258583COQ-010A	ASTM D 226 Type II	01/08/11
	100673818COQ-003	ASTM D 226 Type II	06/13/13
	101572890COQ-005	ASTM D 226 Type II	04/17/14
	F8549.02-106-18	ASTM D 226 Type I	11/08/16
PRI Construction Materials Technologies, LLC.	RGM-023-02-01	ASTM D 4798	05/16/07
	GAF-112-02-01	ASTM D 226 Type II	03/15/06
	GAF-238-02-01	ASTM D 1970	03/03/10
	GAF-323-02-01	ASTM D 1970	11/30/11
	GAF-324-02-01	ASTM D 1970	12/01/11
	GAF-325-02-01	ASTM D 1970	12/01/11
	GAF-326-02-01	ASTM D 1970	11/30/11
	GAF-275-02-01	ASTM D 1970	11/11/10
	GAF-344-02-01	ASTM D 1970	04/23/12
	GAF-339-02-01	ASTM D 226 Type I	03/14/12
	ELK-311-02-01	ASTM D 1970	09/11/07
	GAF-518-02-01	ASTM D 226 Type I	06/04/14
	GAF-818-02-01	ASTM D 4533	12/06/17
	GAF-829-02-01	ASTM D 226 Type II	01/15/18
	GAF-314-02-01	ASTM D 2178	07/21/11
GAF-315-02-01	ASTM D 2178	07/21/11	
Trinity-ERD	GAF-SC13285.03.17-1	ASTM D 1970	03/08/17
	GAF-SC13285.03.17-3	ASTM D 1970	03/01/17
	GAF-SC13285.03.17-4	ASTM D 1970	03/01/17
	GAF-SC13285.02.17-2	ASTM D 4601 Type II	02/08/17
	GAF-SC9700.08-15-R1	ASTM D 2178	09/09/15
	GAF-SC12915.12.17-R1	ASTM D 1970	12/11/17
	GAF-SC12915.12.17-R1	ASTM D 6163	12/11/17
	GAF-SC12915.12.17-R1	ASTM D 7530	12/11/17



APPROVED ASSEMBLIES:

- Deck Type 1:** Wood, non-insulated
- Deck Description:** $19/32$ " or greater plywood or wood plank
- System E (1):** Anchor sheet mechanically fastened to deck, membrane adhered.
- Base Sheet:** Two plies of ASTM D 226 Type I or Shingle-Mate® Roof Deck Protection OR one or more plies of ASTM D 226 Type II, Deck-Armor™ Premium Breathable Roof Deck Protection, FeltBuster® High-Traction Synthetic Roofing Felt, or Tiger Paw™ Roof Deck Protection with a minimum 4" side lap and a 6" end lap mechanically fastened to the deck with approved nails and tin caps 6" o.c. at the laps and four staggered rows 12" o.c. in the field of the roll.
- If roof is exposed to rain/snow, tape all end and side laps with approved butyl adhesive based seam/cover tape or an approved waterproof cloth duct tape (follow the tape's manufacturer's installation instructions). Always apply tape over all fasteners at the center of the roll or the end laps to help prevent rain or snow from entering at the fasteners.
- Membrane:** One or more plies of WeatherWatch® Mineral Surfaced Leak Barrier, StormGuard® Film Surfaced Leak Barrier, Liberty™ SA Glass Cap Sheet, or Liberty™ SBS Self-Adhering Base/Ply Sheet membrane with a minimum 3" side lap and 6" end lap. Place the first course of membrane parallel to the eave, rolling the membrane to obtain maximum contact. Remove the release membrane as the membrane is applied. Vertical strapping of the roof with WeatherWatch® Mineral Surfaced Leak Barrier, or StormGuard® Film Surfaced Leak Barrier is acceptable.
- Surfacing:** Approved Roofing Assembly.



Deck Type 1: Wood, non-insulated

Deck Description: ¹⁹/₃₂" or greater plywood or wood plank

System E(2): Membrane mechanically fastened to deck.

Separator Sheet: One or more plies of GAFGLAS® Ply 4, GAFGLAS® FlexPly™ 6, Shingle-Mate® Roof Deck Protection, Deck-Armor™ Premium Breathable Roof Deck Protection, FeltBuster® High-Traction Synthetic Roofing Felt, or Tiger Paw™ Roof Deck Protection loose laid.

Membrane: One or more plies of WeatherWatch® Mineral Surfaced Leak Barrier, StormGuard® Film Surfaced Leak Barrier, Liberty™ SA Glass Cap Sheet, or Liberty™ SBS Self-Adhering Base/Ply Sheet membrane mechanically fastened with a minimum 3" side lap and a 6" end lap to deck through the separator sheet with approved nails and tin caps 6" o.c. at the laps and two staggered rows 12" o.c. in the field of the roll.

Surfacing: Approved Roofing Assembly.



Deck Type 1:	Wood, non-insulated
Deck Description:	¹⁹ / ₃₂ " or greater plywood or wood plank
System E (3):	Anchor sheet mechanically fastened to deck, membrane adhered.
Secondary Water Barrier: (Optional)	Install a minimum 4" wide WeatherWatch® Mineral Surfaced Leak Barrier, , Liberty™ SBS Self-Adhering Base/Ply Sheet, Liberty™ SA Glass Cap Sheet, or StormGuard® Film Surfaced Leak Barrier membrane over the joints of the plywood roof deck prior to installation of the base sheet. Do not overlap end or side joints. All side and end laps should be butted firmly side by side, flush with each other but not overlapped. Do not leave the WeatherWatch® Mineral Surfaced Leak Barrier, or StormGuard® Film Surfaced Leak Barrier membrane exposed for more than 30 days without a roof deck protection underlayment protecting the secondary water barrier.
Base Sheet:	Two plies of ASTM D 226 Type I or Shingle-Mate® Roof Deck Protection OR one or more plies of ASTM D 226 Type II, Deck-Armor™ Premium Breathable Roof Deck Protection, FeltBuster® High-Traction Synthetic Roofing Felt, or Tiger Paw™ Roof Deck Protection with a minimum 4" side lap and a 6" end lap mechanically fastened to the deck with approved nails and tin caps 6" o.c. at the laps and four staggered rows 12" o.c. in the field of the roll. If roof is exposed to rain/snow, tape all end and side laps with approved butyl adhesive based seam/cover tape or an approved waterproof cloth duct tape (follow the tape manufacturer's installation instructions). Always apply tape over all fasteners at the center of the roll or the end laps to help prevent rain or snow from entering at the fasteners.
Surfacing:	Approved Roofing Assembly.



- Deck Type 1:** Wood, non-insulated
- Deck Description:** ¹⁹/₃₂" or greater plywood or wood plank
- System E (4):** Anchor sheet mechanically fastened to deck, membrane adhered.
- Base Sheet:** Two plies of ASTM D 226 Type I or Shingle-Mate® Roof Deck Protection OR one or more plies of ASTM D 226 Type II, Deck-Armor™ Premium Breathable Roof Deck Protection, FeltBuster® High-Traction Synthetic Roofing Felt, or Tiger Paw™ Roof Deck Protection with a minimum 4" side lap and a 6" end lap mechanically fastened to the deck with approved nails and tin caps 6" o.c. at the laps and four staggered rows 12" o.c. in the field of the roll.
- If roof is exposed to rain/snow, tape all end and side laps with approved butyl adhesive based seam/cover tape or an approved waterproof cloth duct tape (follow the tape's manufacturer's installation instructions). Always apply tape over all fasteners at the center of the roll or the end laps to help prevent rain or snow from entering at the fasteners.
- Membrane:** One or more plies of StormGuard® Film Surfaced Leak Barrier membrane with a minimum 4" side lap and 6" end lap. Place the first course of membrane parallel to the eave, rolling the membrane to obtain maximum contact. Remove the release membrane as the membrane is applied.
- Surfacing:** Approved for Metal roofing, Slate, and Asphalt Shingle assemblies.



LIMITATIONS:

1. Fire classification is not part of this acceptance.
2. WeatherWatch® Mineral Surfaced Leak Barrier, StormGuard® Film Surfaced Leak Barrier, Liberty™ SBS Self-Adhering Base/Ply Sheet, Liberty™ SA Glass Cap Sheet, Shingle-Mate® Roof Deck Protection, Deck-Armor™ Premium Breathable Roof Deck Protection, FeltBuster® High-Traction Synthetic Roofing Felt, and Tiger Paw™ Roof Deck Protection shall not be used as roof tile underlayment.
3. This acceptance is for prepared roofing applications. Minimum deck requirements shall be in compliance with applicable building code. WeatherWatch® Mineral Surfaced Leak Barrier, StormGuard® Film Surfaced Leak Barrier, Liberty™ SBS Self-Adhering Base/Ply Sheet, Liberty™ SA Glass Cap Sheet, Shingle-Mate® Roof Deck Protection, Deck-Armor™ Premium Breathable Roof Deck Protection, FeltBuster® High-Traction Synthetic Roofing Felt, and Tiger Paw™ Roof Deck Protection shall be installed in strict compliance with applicable Building Code.
4. WeatherWatch® Mineral Surfaced Leak Barrier, StormGuard® Film Surfaced Leak Barrier, Liberty™ SBS Self-Adhering Base/Ply Sheet, Liberty™ SA Glass Cap Sheet, Shingle-Mate® Roof Deck Protection, Deck-Armor™ Premium Breathable Roof Deck Protection, FeltBuster® High-Traction Synthetic Roofing Felt, and Tiger Paw™ Roof Deck Protection membranes shall be applied to a smooth, clean and dry surface with deck free of irregularities.
5. WeatherWatch® Mineral Surfaced Leak Barrier, StormGuard® Film Surfaced Leak Barrier, Liberty™ SBS Self-Adhering Base/Ply Sheet, Liberty™ SA Glass Cap Sheet, Shingle-Mate® Roof Deck Protection, Deck-Armor™ Premium Breathable Roof Deck Protection, FeltBuster® High-Traction Synthetic Roofing Felt, and Tiger Paw™ Roof Deck Protection membranes shall not be applied over an existing roof membrane.
6. WeatherWatch® Mineral Surfaced Leak Barrier, StormGuard® Film Surfaced Leak Barrier, Liberty™ SBS Self-Adhering Base/Ply Sheet, Liberty™ SA Glass Cap Sheet, Shingle-Mate® Roof Deck Protection, Deck-Armor™ Premium Breathable Roof Deck Protection, FeltBuster® High-Traction Synthetic Roofing Felt, and Tiger Paw™ Roof Deck Protection shall not be left exposed as a temporary roof for longer than 30 days of application.
7. WeatherWatch® Mineral Surfaced Leak Barrier, StormGuard® Film Surfaced Leak Barrier, Liberty™ SBS Self-Adhering Base/Ply Sheet, Liberty™ SA Glass Cap Sheet, Shingle-Mate® Roof Deck Protection, Deck-Armor™ Premium Breathable Roof Deck Protection, FeltBuster® High-Traction Synthetic Roofing Felt, and Tiger Paw™ Roof Deck Protection may be used with any approved roof covering Notice of Acceptance listing WeatherWatch® Mineral Surfaced Leak Barrier, StormGuard® Film Surfaced Leak Barrier, Liberty™ SBS Self-Adhering Base/Ply Sheet, Liberty™ SA Glass Cap Sheet, Shingle-Mate® Roof Deck Protection, Deck-Armor™ Premium Breathable Roof Deck Protection, FeltBuster® High-Traction Synthetic Roofing Felt, and Tiger Paw™ Roof Deck Protection as a component part of an assembly in the Notice of Acceptance. If WeatherWatch® Mineral Surfaced Leak Barrier, StormGuard® Film Surfaced Leak Barrier, Liberty™ SBS Self-Adhering Base/Ply Sheet, Liberty™ SA Glass Cap Sheet, Shingle-Mate® Roof Deck Protection, Deck-Armor™ Premium Breathable Roof Deck Protection, FeltBuster® High-Traction Synthetic Roofing Felt and Tiger Paw™ Roof Deck Protection are not listed; a request may be made to the Authority Having Jurisdiction (AHJ) or the Miami-Dade County Product Control Department for approval provided that appropriate documentation is provided to detail compatibility of the products, wind uplift resistance, and fire testing results.
8. All nails in the deck shall be carefully checked for protruding heads. Re-fasten any loose decking panels. Sweep the deck thoroughly to remove any dust and debris prior to application. Install when temperatures are 45° F and rising.
9. When applying the membrane in the valley, start at the low point and work to the high point, rolling the membrane from the center outward in both directions.



LIMITATIONS:

- 10. Roll or broom the entire membrane surface so as to have 100% contact with the surface, giving special attention to overlap areas.
- 11. Flash vent pipes, stacks, chimneys and penetrations in compliance with Roof Assembly current Product Control Notice of Acceptance and applicable Building Code.
- 12. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.
- 13. All membranes or packaging shall bear the imprint or identifiable marking of the manufacturer's name or logo, city and state of manufacturing facility, and the following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.



END OF THIS ACCEPTANCE

