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

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
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Miami, Florida 33175-2474
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NOTICE OF ACCEPTANCE (NOA)

CertainTeed LLC
20 Moores Road
Malvern, PA 19355

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: CertainTeed Underlayment Systems

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 revises NOA# 20-0723.36 and consists of pages 1 through 13.
The submitted documentation was reviewed by Alex Tigera.

07/04/24

ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Underlayment
Material: SBS

SCOPE:

This approves CertainTeed LLC Underlayment Systems, as described in this Notice of Acceptance; designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

Product	Dimensions	Test Specification	Product Description
WinterGuard HT *Manufacturing Location #**1***	36" x 65' rolls	ASTM D 1970	Modified fiberglass reinforced, bituminous sheet material for use as an underlayment in sloped roof assemblies. Designed as an ice & rain shield.
WinterGuard Granular *Manufacturing Location #**2***	36" x 65' rolls	ASTM D 1970	Granular surfaced modified, fiberglass reinforced, bituminous sheet material for use as an underlayment in sloped roof assemblies. Designed as an ice & rain shield.
WinterGuard Sand *Manufacturing Location #**2***	36" x 32.5' rolls	ASTM D 1970	Embedded sand surfaced modified, fiberglass reinforced, bituminous sheet material for use as an underlayment in sloped roof assemblies. Designed as an ice & rain shield.
DiamondDeck™ *Manufacturing Location #**3***	48" x 250' rolls	ASTM D8257	Synthetic, scrim reinforced underlayment for use under shake, shingles, slate or metal roofing.
DiamondDeck™ *Manufacturing Location #**4, 5***	48" x 250' rolls	ASTM D 8257	Synthetic, scrim reinforced underlayment for use under shake, shingles, slate or metal roofing.
Black Diamond™ Base Sheet *Manufacturing Location #**2***	39 $^{3}/_{8}$" x 68' 7" rolls	ASTM D 1970	Granular surfaced modified, fiberglass reinforced, bituminous sheet material for use as an underlayment in sloped roof assemblies. Designed as an ice & rain shield. **Not for use as an Anchor Sheet. Direct adhesion to wood deck not permitted in the HVHZ.**

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

Product	Dimensions	Test Specification	Product Description
All Weather/Empire Base Sheet *Manufacturing Location #**1***	39 3/8" x 65' 10" rolls	ASTM D 4601 Type II	Asphalt coated fiberglass reinforced base sheet.
Flintlastic GMS *Manufacturing Location #**1***	39-3/8" x 32'10" rolls	TAS 103 and ASTM D 6164	Granule surfaced SBS Modified Bitumen membrane with non-woven polyester mat reinforcement for mop application.
Flintlastic SA Cap *Manufacturing Location #**1***	39 3/8" x 33'11" rolls	TAS 103 and ASTM D 6164	Polyester reinforced, self-adhering SBS modified bitumen cap sheet.
Flintlastic SA Plybase *Manufacturing Location #**1***	39 3/8" x 66'6" rolls	ASTM D 1970	Self-adhering, fiberglass reinforced, SBS modified bitumen base/ply sheet
Flintlastic SA Mid Ply *Manufacturing Location #**1***	39 3/8" x 32'1" rolls	ASTM D 1970	Self-adhering, polyester reinforced, SBS modified bitumen ply sheet.
Flintlastic SA NailBase *Manufacturing Location #**1***	39 3/8" x 66'6" rolls	ASTM D 4601, Type II	Fiberglass reinforced, SBS modified bitumen base sheet
RoofRunner *Manufacturing Location #**5, #6***	48" x 250 rolls	ASTM D8257	Synthetic, scrim reinforced underlayment for use under asphalt shingles.

MANUFACTURING LOCATION:

1. Little Rock, AR.
2. Shakopee, MN
3. Hangzhou, China
4. Silvassa, India
5. Parzai, India
6. Ahmedabad, India

EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Test Name/Report	Date
Trinity|ERD	C45240.01.14-1	ASTM D1970, TAS 110	01/15/14
	CTR-SC11505.12.16	ASTM D1623	12/22/16
	CTR-SC12255.12.16	FM 4474 / UL 1897 / TAS 114	12/27/16
PRI Construction Materials Technologies, LLC	CTC-071-02-01	ASTM D6222	08/08/11
	CTC-093-02-01	ASTM D6164, ASTM D4798	08/09/11
	1378T0161	ASTM D8257	5/18/21
QAI Laboratories	RJ3502-1	ASTM E108	09/29/14
	RJ8299P-10	ASTM D8257	02/15/22
	RJ8299P-13	ASTM D8257	03/29/22
NEMO etc., LLC	CTR-SC11145.10.16	ASTM D1970	10/31/16
	CTC-318-02-01	ASTM D1970	08/18/17
	4S-CTR-18-003.09.18	ASTM D4798	09/21/18
	4S-CTR-18-003.03.19.A	ASTM D226/ TAS 110	03/13/19
	4S-CTR-18-003.05.19.B	ASTM D1876, TAS 103	05/20/19
	4a-CTR-19-LSWUS-01.A	TAS 114(C)	06/07/19
	4p-DOW-19-SSLAP-01.A-R2	ASTM D1623	02/10/20
	4p-ICP-20-SSLAP-01.A	ASTM D1623	12/15/20
	4j-CTR-20-SSUDL-02.A	Physical Properties	12/16/20
	4j-CTR-21-SSUDL-03.A	TAS 103	08/09/22
	4q-CTR-21-SSMBB-04.E	ASTM D1970	03/08/22
	4j-CTR-22-SSUDL-02.A	ASTM D4977, ASTM D1623	03/09/22
	4q-CTR-21-SSMBB-04.G	ASTM D1970	04/15/22
	4a-CTR-LSWUS-001.A	UL 1897	05/29/24

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.

Anchor Sheet: **(4:12 or Above)** One or more plies of DiamondDeck with a minimum 4” headlap and a 6” end lap mechanically fastened to deck with approved nails and tin caps 6" o.c. at the side lap edge and in a grid pattern spaced 12" o.c. in the field of the roll.

(2:12 to < 4:12) One or more plies of DiamondDeck with a minimum 25” head lap and a 12” end lap mechanically fastened to deck with approved nails and tin caps 6" o.c. at the side lap edge and in a grid pattern spaced 12" o.c. in the field of the roll. Vertical joints should be offset 72” minimum.

Surfacing: Shall be acceptable for use in approved asphaltic shingles, wood shakes, & shingles, quarry slate, and metal roof applications. Must Comply with applicable Roofing Application Standards and Building Codes.

Deck Type 1: Wood, Non-insulated

Deck Description: $^{19}/_{32}$" or greater plywood or wood plank

System E(2): Anchor sheet mechanically fastened to deck.

Anchor Sheet: **(4:12 or Above)** A single layer of RoofRunner shall be applied with printed side up, parallel to the eaves, overlapping each course with a minimum 4” head lap and a 6” end lap mechanically fastened to deck with approved nails and tin caps 6"o.c. at the side lap edge and spaced 15”o.c. vertically and 12"o.c. horizontally in the field of the roll.

Surfacing: Shall be acceptable for use in approved asphaltic shingle applications. Must Comply with applicable Roofing Application Standards and Building Codes.

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.
Anchor Sheet:	One or more plies of ASTM D 8257 Type II or ASTM D 2626 with a minimum 4” headlap and a 6” end lap mechanically fastened to deck with approved nails and tin caps 6" o.c. at the side lap edge and in a grid pattern spaced 12" o.c. in the field of the roll.
Membrane:	WinterGuard HT, WinterGuard Granular, WinterGuard Sand, Black Diamond Base Sheet, Flintlastic SA PlyBase or Flintlastic SA Mid Ply self-adhering membrane adhered to the anchor sheet with a minimum 3” headlap 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 membrane is acceptable. If membrane is strapped, then anchor sheet must also be strapped.
Surfacing:	Shall be acceptable for use in approved asphaltic shingles, wood shakes, & shingles, quarry slate, and metal roof applications. Must Comply with applicable Roofing Application Standards and Building Codes.

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.
Anchor Sheet:	One ply of ASTM D 8257 Type II organic felt or All Weather/Empire Base mechanically attached with a minimum 4” side lap and a minimum 6” end lap. Anchor sheet shall be applied at a right angle (90^0) to the slope of the deck with approved annular ring shank nails and tin caps at a fastener spacing of 6" o.c. at the side lap edge and in a grid pattern spaced 12" o.c. in the field of the roll of the base sheet.
Ply Sheet: (Optional)	One or more plies of an ASTM D8257 ply sheet adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.
Membrane:	One ply of Flintlastic GMS adhered in a full mopping of Type IV asphalt applied within the EVT range and at a rate of 20-40 lbs./sq or Flintlastic SA Cap, self-adhering membranes adhered to the preceding sheet 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. Vertical strapping of the membrane is acceptable. If membrane is strapped, then anchor sheet and ply sheet must also be strapped.
Surfacing:	Approved for Metal Roofing, Wood Shake & Shingles, and Asphaltic Shingle assemblies.

Deck Type 1:	Wood, Non-insulated
Deck Description:	$^{19}/_{32}$" or greater plywood or wood plank
System E(5):	Anchor sheet mechanically fastened to deck, membrane adhered.
Anchor Sheet:	One or more layers of Flintlastic SA NailBase mechanically attached with Simplex MAXX Cap fasteners spaced 9” o.c. at the 3” lap and 12” o.c. in two equally spaced, staggered center rows in the field of the roll of the base sheet. Simplex MAXX Cap Fastener plates shall be primed with ASTM D41 primer.
Ply Sheet: (Optional)	One or more layers of Flintlastic SA PlyBase or Flintlastic SA Mid Ply, self-adhered.
Membrane:	One ply of Flintlastic SA Cap, self-adhering membranes adhered to the preceding sheet 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. Vertical strapping of the membrane is acceptable. If membrane is strapped, then anchor sheet and ply sheet must also be strapped. When used in Tile roof systems the cap sheet shall be back nailed to deck with approved annular ring shank nails and tin caps at a maximum of 12” o.c. at the side laps and 6" o.c. at the end laps. No nails or tin caps shall be exposed.
Surfacing:	Approved for Adhered Roof Tile using **TILE BOND™ Roof Tile Adhesive** or **Polyset® AH-160**, Mechanically Fastened Roof Tile, Metal Roofing, Wood Shake & Shingles, Quarry Slate, and Asphaltic Shingle assemblies.
Underlayment Uplift Design Pressure:	-67.5 psf*****

*** Underlayment Uplift Design Pressure rating above is included for additional analysis of the underlayment assembly only by the Authority Having Jurisdiction. This value does not include the roof system. Refer to roof system NOA for maximum design pressure of the final roof assembly.**

Deck Type 1:	Wood, Non-insulated
Deck Description:	$^{19}/_{32}$" or greater plywood, span rating 40/20, Grade CDX, APA rated, 4 ply, 24-in. span, attached with 8d ring shank nails, 6-in. o.c.
System E(6):	Anchor sheet mechanically fastened to deck, membrane adhered.
Separator Sheet:	One or more plies of Red Rosin Paper, loose-laid.
Anchor Sheet:	One ply of G.A.P. #30 Asphalt Saturated Felt, attached with 12 gage, annular ring shank nails having not less than 20 rings per inch, heads not less than 3/8-in. in diameter with min. 32 ga. x 1-5/8-in. diameter 'tin-caps', 6-in. o.c. at the 4-in. side laps and 9-in. o.c. at three equally spaced center rows.
Membrane:	One Ply of Flintlastic GMS, adhered with ASTM D312, Type IV hot asphalt full-mop. Side laps back-nailed using nails and tin-caps, spaced 12-in. o.c.
Surfacing:	Approved for Adhered Roof Tile using **TILE BOND™ Roof Tile Adhesive** or **Polyset® AH-160**, Mechanically Fastened Roof Tile, Metal Roofing, Wood Shake & Shingles, Quarry Slate, and Asphaltic Shingle assemblies.
Underlayment Uplift Design Pressure:	-52.5 psf*****

*** Underlayment Uplift Design Pressure rating above is included for additional analysis of the underlayment assembly only by the Authority Having Jurisdiction. This value does not include the roof system. Refer to roof system NOA for maximum design pressure of the final roof assembly.**

Deck Type 1:	Wood, Non-insulated
Deck Description:	$^{19}/_{32}$" or greater plywood, span rating 40/20, Grade CDX, APA rated, 4 ply, 24-in. span, attached with Liquid nails in serpentine pattern atop all supports and blocking and #8 wood screws, 6-in. o.c. at supports and blocking
System E(7):	Anchor sheet mechanically fastened to deck, membrane adhered.
Separator Sheet:	One or more plies of Red Rosin Paper, loose-laid.
Anchor Sheet:	One ply of G.A.P. #30 Asphalt Saturated Felt, attached with 12 gage, annular ring shank nails having not less than 20 rings per inch, heads not less than 3/8-in. in diameter with min. 32 ga. x 1-5/8-in. diameter 'tin-caps', 4-in. o.c. at the 4-in. side laps and 4-in. o.c. at four equally spaced center rows.
Membrane:	One Ply of Flintlastic GMS, adhered with ASTM D312, Type IV hot asphalt full-mop. Side laps back-nailed using nails and tin-caps, spaced 12-in. o.c.
Surfacing:	Approved for Adhered Roof Tile using **TILE BOND™ Roof Tile Adhesive** or **Polyset® AH-160**, Mechanically Fastened Roof Tile, Metal Roofing, Wood Shake & Shingles, Quarry Slate, and Asphaltic Shingle assemblies.
Underlayment Uplift Design Pressure:	-157.5 psf*

*** Underlayment Uplift Design Pressure rating above is included for additional analysis of the underlayment assembly only by the Authority Having Jurisdiction. This value does not include the roof system. Refer to roof system NOA for maximum design pressure of the final roof assembly.**

LABELING:

All membranes or packaging shall bear the imprint or identifiable marking of the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.

BUILDING PERMIT REQUIREMENTS:

Application for building permit shall be accompanied by copies of the following:

1. This Notice of Acceptance.
2. Any other documents required by the Building Official or applicable building code in order to properly evaluate the installation of this material.

LIMITATIONS:

1. Fire classification is not part of this acceptance.
2. CertainTeed LLC underlayment roofing systems utilizing WinterGuard HT, WinterGuard Granular, WinterGuard Sand, DiamondDeck, Black Diamond Base Sheet, Flintlastic SA PlyBase or Flintlastic SA Mid Ply as a cap membrane shall be acceptable for use in asphaltic shingles, wood shakes, & shingles, quarry slate, and metal roof applications. CertainTeed LLC underlayment roofing systems utilizing RoofRunner shall be acceptable for use in asphaltic shingles.
3. CertainTeed LLC underlayment roofing systems utilizing Flintlastic SA Cap or Flintlastic GMS as a cap membrane shall be acceptable for use in foam adhesive set and mechanically fastened roof tile systems as specified in the surfacing option of the approved assemblies.
4. This acceptance is for prepared roofing applications. Minimum deck requirements shall be in compliance with applicable building code. CertainTeed underlayment roofing systems shall be installed in strict compliance with applicable Building Code.
5. CertainTeed LLC underlayment roofing systems membranes shall be applied to a smooth, clean and dry surface with deck free of irregularities.
6. CertainTeed LLC underlayment roofing systems membranes shall not be applied over an existing roof membrane as a recover system but may be applied over an approved roofing Base/Anchor sheet underlayment.
7. WinterGuard HT, WinterGuard Granular, WinterGuard Sand, Flintlastic SA Cap, and Flintlastic GMS shall not be left exposed as a temporary roof for longer than 180 days of application. RoofRunner and DiamondDeck shall not be left exposed as a temporary roof for longer than 90 days after application. Black Diamond Base Sheet, Flintlastic SA PlyBase and Flintlastic SA Mid Ply shall not be left exposed as a temporary roof for longer than 30 days after application.
8. CertainTeed LLC underlayment products may be used with any approved roof covering Notice of Acceptance listing CertainTeed LLC underlayment products as a component part of an assembly in the Notice of Acceptance. If CertainTeed LLC underlayment products are not listed, a request may be made to the Authority Having Jurisdiction (AHJ) or Miami-Dade County Product Control for approval provided that appropriate documentation is provided to detail compatibility of the products, wind uplift resistance, and fire testing results.
9. 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.
10. 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.
11. Roll or broom the entire membrane surface so as to have 100% contact with the surface, giving special attention to overlap areas.
12. Flash vent pipes, stacks, chimneys and penetrations in compliance with Roof Assembly current Product Control Notice of Acceptance and applicable Building Code.

LIMITATIONS:

13. The maximum roof slope for use as roof tile underlayment in direct-to-deck tile assemblies shall be as follows. Use of loading boards or batten strips is required on roof slopes greater than that reported in the Table below to prevent slippage.

TILE SLIPPAGE LIMITATIONS FOR DIRECT-DECK TILE ASSEMBLIES			
Underlayment	**Tile Profile**	**Staging Method**	**Maximum Slope**
Flintlastic GMS	Flat / Lugged	Max. 10-tile stack	4:12
Flintlastic SA Cap	Flat	Max. 6-tile stack (4 over 2)	6:12
	Lugged	Max. 6-tile stack (4 over 2)	5:12
See System E(5)	Flat / Lugged	Max. 6-tile stack (4 over 2)	4:12

END OF THIS ACCEPTANCE