



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

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
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www.miamidade.gov/economy

CertainTeed LLC
18 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: Flintlastic Self-Adhered Roofing Systems Over Steel Decks

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 NOA# 20-0226.03 and consists of pages 1 through 12.
The submitted documentation was reviewed by Alex Tigera.

07/24/25



NOA No.: 25-0513.02
Expiration Date: 08/20/30
Approval Date: 07/24/25
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ROOFING ASSEMBLY APPROVAL

Category: Roofing
Sub-Category: Modified Bitumen
Material: SBS
Deck Type: Steel
Maximum Design Pressure: -82.5 psf

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

TABLE 1

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
Flintlastic SA NailBase	39 ³ / ₈ " x 66'6"; Roll weight: 82 lbs. (2 squares)	ASTM D 4601, Type II	Fiberglass reinforced, SBS modified bitumen base sheet.
Flintlastic SA PlyBase	39 ³ / ₈ " x 66'6"; Roll weight: 86 lbs. (2 squares)	ASTM D 1970	Self-adhering, fiberglass reinforced, SBS modified bitumen base/ply sheet.
Flintlastic SA Mid Ply	39 ³ / ₈ " x 32'1"; Roll weight: 62 lbs. (1 square)	ASTM D 6163, Grade S, Type I	Self-adhering, polyester reinforced, SBS modified bitumen ply sheet.
Flintlastic SA Cap FR	39 ³ / ₈ " x 32'11"; Roll weight: 88 lbs. (1 square)	ASTM D 6163, Grade G, Type I	Self-adhering, fiberglass reinforced, SBS modified bitumen cap sheet.
Flintlastic SA Cap	39 ³ / ₈ " x 32'11"; Roll weight: 95 lbs. (1 square)	ASTM D 6164, Grade G, Type I	Self-adhering, polyester reinforced, SBS modified bitumen cap sheet.
FlintPrime Asphalt	1, 3 or 5 gal pail	ASTM D 41	Asphalt primer
FlintPrime SA	1, 3 or 5 gal pail	Proprietary	Water-based, polymer modified primer.



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APPROVED INSULATIONS:

TABLE 2

<u>Product</u>	<u>Product Description</u>	<u>Manufacturer (with current NOA)</u>
FlintBoard ISO, FlintBoard ISO _H	Polyisocyanurate insulation	CertainTeed LLC.
FlintBoard ISO _H ISO Cold	Polyisocyanurate insulation	CertainTeed LLC
ACFoam-II	Polyisocyanurate insulation	Atlas Roofing Corp.
ENRGY 3, ENRGY 3 25 PSI	Polyisocyanurate insulation	Johns Manville Corp.
Multi-Max FA-3	Polyisocyanurate insulation	Rmax Operating, LLC
H-Shield, H-Shield CG	Polyisocyanurate insulation	Hunter Panels LLC
DensDeck Roof Board, DensDeck Prime Roof Board	Gypsum cover board	Georgia-Pacific Gypsum LLC
Perlite Insulation	Expanded perlite insulation board	Generic
High Density Wood Fiberboard	Wood fiberboard insulation	Generic



APPROVED FASTENERS:

TABLE 3

<u>Fastener Number</u>	<u>Product Name</u>	<u>Product Description</u>	<u>Dimensions</u>	<u>Manufacturer (With Current NOA)</u>
1.	Dekfast DF-#12-PH3	Insulation fastener	various	SFS Group USA, Inc.
2.	Dekfast DF-#14-PH3	Insulation fastener	various	SFS Group USA, Inc.
3.	Dekfast PLT-H-2-7/8	Galvalume AZ50 stress plate	2 7/8" x 3 1/4"	SFS Group USA, Inc.
4.	Dekfast PLT-R-3	Galvalume AZ50 stress plate	3" x .018"	SFS Group USA, Inc.
5.	#12 Standard Roofgrip	Insulation fastener for wood and steel.	various	OMG, Inc.
6.	#14 Roofgrip	Insulation fastener for wood and steel.	various	OMG, Inc.
7.	OMG Heavy Duty	Insulation and membrane fastener	Various	OMG, Inc.
8.	OMG 3" Round Metal Plate	Galvalume stress plate	3" round	OMG, Inc.
9.	3 in. Ribbed Galvalume Plate	Galvalume stress plate.	3" round	OMG, Inc.
10.	AccuTrac Flat Bottom Plate	Galvalume stress plate.	3" square	OMG, Inc.
11.	Flat Bottom Metal Plate	Aluminized stress plate	3" square	OMG, Inc.
12.	Trufast #14 HD Fastener	Insulation fastener for wood and steel decks	various	Altenloh, Brinck & Co. U.S., Inc.
13.	Trufast 3" Metal Insulation Plate	Galvalume AZ50 steel plate	3" round	Altenloh, Brinck & Co. U.S., Inc.
14.	FlintFast #12 Fastener	Coated, carbon steel screw	various	CertainTeed LLC
15.	FlintFast #14 Fastener	Insulation fastener for wood and steel decks	various	CertainTeed LLC.
16.	FlintFast 3" Insulation Plate	Galvalume AZ50 steel plate	3" round	CertainTeed LLC.
17.	Trufast #12 DP Fastener	Roofing screw	various	Altenloh, Brinck & Co. U.S., Inc.

APPROVED SURFACING/COATING OPTIONS:

TABLE 4

Chosen components must be applied according to manufacturer's application instructions. Any coating, listed below, used as a surfacing, must be listed within a current NOA.

<u>System Number</u>	<u>Manufacturer</u>	<u>Application</u>
1.	Generic	Gravel applied at 400 lbs/sq., adhered with flood coat of asphalt at 60 lbs/sq.
2.	Generic	Slag applied at 300 lbs/sq., adhered with flood coat of asphalt at 60 lbs/sq.
3.	Karnak Corp.	Karnak (#97 AF) Fibrated Aluminum Roof Coating applied at an application rate of 1.5 gal/sq.
4.	Gardner Asphalt Corp.	APOC #212 Fibered Aluminum Roof Coating applied at an application rate of 1.5 gal/sq.
5.	Gardner Asphalt Corp.	APOC #400 Sunbrite applied at an application rate of 3 gal./sq.



EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Description</u>	<u>Date</u>
Underwriters Laboratories	R11656	UL790	Annually
Momentum Technologies, Inc.	DX08C4A DX20E3A	Physical Properties Physical Properties	03/22/04 03/22/04
Factory Mutual Research	3009610 2D5A9.AM 3014751 3014692 3012321 3008869 3037127 3039046 3025766	FM 4450 FM 4450 FM 4450 FM 4450 FM 4450 FM 4470 FM 4470 FM 4470 FM 4470	10/15/01 06/22/99 08/12/03 08/05/03 07/29/02 03/19/01 01/11/10 06/15/10 11/13/06
Trinity ERD	3518.12.03 C3519.12.03-R1 03515.07.03-1-R1 3521.07.04 3522.07.04 C31410.06.10 C7290.01.08 C8370.08.08-R1 C8500SC.11.07-R1 C10080.09.08-R4 C30560.06.10 C10080.09.10-R1 C32970.09.10 3513.08.02-R1 C32970.04.11 C35500.02.11 C42290.08.12 C35460.05.11-R1 C44580.07.13 C45620.03.14 C42110.08.12 FM 4470	TAS 114-F/G/I TAS 114-D/J & TAS 117(B) TAS 114-J & TAS 117(B) TAS 114-J & TAS 117(B) TAS 114-D ASTM D 5147/4798 ASTM D 4601/1970 TAS 114-H/J & TAS 117(B) ASTM D 6862/TAS 117(B) ASTM D 5147/6163/6164 ASTM D 6222/3909 TAS 114 / TAS 117 ASTM D 5147 & 6163 ASTM D 6163 TAS 114 ASTM D 6164 TAS 117B FM 4474 & TAS 114 ASTM D1876 TAS 114 & ASTM D1876 ASTM D1876, TAS 114 (H), FM 4474 ASTM D1876, TAS 114 (H), TAS 117 (B) C47350.05.14	12/01/03 04/15/11 06/27/12 07/28/04 07/28/04 06/03/10 01/16/08 10/05/09 08/07/09 03/25/10 06/10/10 11/18/10 09/16/10 03/17/11 04/01/11 02/09/11 08/20/12 05/20/15 07/25/13 03/27/14 08/13/12 05/22/14
PRI Construction Materials Technologies	CTC-034-02-01 REV CTC-032-02-01 CTC-066-02-01 CTC-070-02-01 CTC-093-02-01 CTC-122-02-01 CTC-123-02-01	ASTM D 6163 ASTM D6163 ASTM D6163 ASTM D6222 ASTM D6164/4798 ASTM D2178 ASTM D2178	11/24/08 01/22/08 08/09/11 08/09/11 08/09/11 03/13/12 03/13/12

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Description</u>	<u>Date</u>
	CTC-127-02-01	ASTM D4601	03/13/12
	CTC-128-02-01	ASTM D6163	06/11/12
	CTC-129-02-01	ASTM D6163	06/11/12
	CTC-132-02-01	ASTM D6164	06/11/12

DECK STRESS ANALYSIS CALCULATIONS/REPORTS

<u>Engineer/Agency</u>	<u>Identifier</u>	<u>Assemblies:</u>	<u>Date</u>
Robert Nieminen, P.E.	Letter	D(1), D(3)	08/20/15
FM Approval Deck Limitation		C(1), D(2)	01/01/13



APPROVED ASSEMBLIES:

Membrane Type:	SBS Modified, Self-Adhering
Deck Type 2I:	Steel, Insulated
Deck Description:	18-22 ga. Type WR, Grade 33 steel deck fastened 6" o.c. with Tek 5 fasteners to minimum ¼" thick structural steel supports spaced maximum 6' o.c. Deck side laps are secured with three Stitch Tek's fasteners spaced evenly between supports. This Tested Assembly has been analyzed for allowable deck stress. See Evidence Submitted Table.
System Type C(1):	All layers of insulation simultaneously fastened.

All General and System Limitations apply.

One or more layers of any of the following insulations:

<u>Base Insulation Layer</u>	<u>Insulation Fasteners Table 3</u>	<u>Fastener Density/ft²</u>
FlintBoard ISO, AC Foam-II, ENRGY 3 or Multi-Max FA-3 Minimum 1.5" thick	N/A	N/A
<u>Top Insulation Layer</u>	<u>Insulation Fasteners Table 3</u>	<u>Fastener Density/ft²</u>
DensDeck Prime Roof Board Minimum ¼" thick	1, 2, 5, 6, 14, 15	1:1.33 ft ²

Note: All layers of insulation shall be mechanically attached using the fastener density listed above. The insulation panels listed are minimum sizes and dimensions; if larger panels are used, the number of fasteners shall be increased maintaining the same fastener density.

Base Sheet:	One layer of Flintlastic SA PlyBase or Flintlastic SA Mid Ply, self-adhered
Ply Sheet: (Optional)	One ply of Flintlastic SA PlyBase or Flintlastic SA Mid Ply, self-adhered
Membrane:	One layer of Flintlastic SA Cap, Flintlastic SA Cap FR, self-adhered.
Surfacing: (Optional)	Any of the approved surfacing/coating options listed in Table 4.
Maximum Design Pressure:	-52.5 psf (See General Limitation #7.)



Membrane Type: SBS Modified, Self-Adhering

Deck Type 2I: Steel, Insulated

Deck Description: Minimum 22 gage, Type B, Grade 33 Steel deck attached to steel supports at a maximum span of 6 ft. o.c. Steel deck shall be attached to supports using puddle welds and weld-washers spaced 6" o.c. Side laps are fastened with Traxx/1 screws spaced maximum 18 in. o.c.

This Tested Assembly has been analyzed for allowable deck stress. See Evidence Submittal Table.

System Type D(1): All layers of insulation and base sheet simultaneously attached

All General and System Limitations apply.

One or more layers of any of the following insulations.

<u>Base Insulation Layer</u>	<u>Insulation Fasteners (Table 3)</u>	<u>Fastener Density/ft²</u>
FlintBoard ISO, AC Foam-II, ENRGY 3, Multi-Max FA-3, H-Shield, FlintBoard _H ISO Minimum 1.5" thick	N/A	N/A
<u>(Optional) Top Insulation Layer</u>	<u>Insulation Fasteners (Table 3)</u>	<u>Fastener Density/ft²</u>
DensDeck Roof Board Minimum 1/4" thick	N/A	N/A
Approved Perlite Insulation Minimum 3/4" thick	N/A	N/A
Approved High Density Wood Fiberboard Minimum 1/2" thick	N/A	N/A

Note: Top layer shall have preliminary attachment, prior to the installation of the base/anchor sheet, at a minimum application rate of two fasteners per board for insulation boards having no dimension greater than 4 ft., and four fasteners for any insulation board having no dimension greater than 8 ft. All layers of insulation and base sheet shall be simultaneously fastened. See base/anchor sheet below for fasteners and density.

Base Sheet: One layer of Flintlastic SA NailBase, mechanically attached as detailed below.

Fastening: Base sheet shall be fastened with OMG Heavy Duty fasteners with 3 in. Ribbed Galvalume Plates spaced 12" o.c. at a 2" wide lap and 12" o.c. in two, equally spaced, staggered center rows.
(Maximum Design Pressure -52.5 psf.; See General Limitation #7)

**Ply Sheet:
(Optional)** One or more layers of Flintlastic SA Mid Ply or Flintlastic SA PlyBase self-adhered.

Membrane: One layer of Flintlastic SA Cap, Flintlastic SA Cap FR, self-adhered.



Surfacing: (Optional)	Any of the approved surfacing/coating options listed in Table 4.
Maximum Design Pressure:	See Fastening Above



Membrane Type: SBS Modified, Self-Adhering

Deck Type 2I: Steel, Insulated

Deck Description: 18-22 ga. Type WR, Grade 33 steel fastened 6" o.c. with Tek 5 fasteners to minimum ¼" thick structural steel supports spaced maximum 6' o.c. Side laps are fastened with Traxx/1 screws spaced maximum 24 in. o.c.

This Tested Assembly has been analyzed for allowable deck stress. See Evidence Submitted Table.

System Type D(2): All layers of insulation and base sheet simultaneously attached

All General and System Limitations apply.

One or more layers of any of the following insulations.

<u>Base Insulation Layer</u>	<u>Insulation Fasteners Table 3</u>	<u>Fastener Density/ft²</u>
FlintBoard ISO, AC Foam-II, ENRGY 3 or Multi-Max FA-3 Minimum 1.5" thick	N/A	N/A
<u>Top Insulation Layer</u>	<u>Insulation Fasteners Table 3</u>	<u>Fastener Density/ft²</u>
DensDeck Roof Board, DensDeck Prime Roof Board Minimum ¼" thick	N/A	N/A

Note: Top layer shall have preliminary attachment, prior to the installation of the base/anchor sheet, at a minimum application rate of two fasteners per board for insulation boards having no dimension greater than 4 ft., and four fasteners for any insulation board having no dimension greater than 8 ft. All layers of insulation and base sheet shall be simultaneously fastened. See base/anchor sheet below for fasteners and density.

Base Sheet: One ply of Flintlastic SA NailBase, mechanically attached as detailed below.

Fastening: Base sheet shall be fastened with Dekfast PLT-H-2-7/8 plates and Dekfast DF-#12-PH3 or Dekfast DF-#14-PH3 fasteners, OMG Flat Bottom Metal Plates with OMG #12 Standard Roofgrip or #14 Roofgrip fasteners, Trufast 3" Metal Insulation Plates with Trufast #12 DP or Trufast #14 HD Fastener, or FlintFast 3" Insulation Plates with FlintFast #12 or FlintFast #14 fasteners spaced 8" o.c. in a min. 4" wide lap and 8" o.c. in two rows staggered in the field of the sheet.

**Ply Sheet:
(Optional)** One ply of Flintlastic SA PlyBase or Flintlastic SA Mid Ply, self-adhered

Membrane: One layer of Flintlastic SA Cap, Flintlastic SA Cap FR, self-adhered.

**Surfacing:
(Optional)** Any of the approved surfacing/coating options listed in Table 4.

**Maximum Design
Pressure:** -82.5 psf (See General Limitation #7.)



STEEL DECK SYSTEM LIMITATIONS:

1. If mechanical attachment to the structural deck through the lightweight insulating concrete is proposed, a field withdrawal resistance testing shall be performed to determine equivalent or enhanced fastener patterns and density. All testing and fastening design shall be in compliance with Testing Application Standard TAS 105 and Roofing Application Standard RAS 117, calculations shall be signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant.
2. For steel deck application where specific deck construction is not referenced: The deck shall be a minimum 22 gage attached with 5/8" puddle welds with weld washers at every flute with maximum deck spans of 5 ft. o.c.

GENERAL LIMITATIONS:

1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. Insulation may be installed in multiple layers. The first layer shall be attached in compliance with Product Control Approval guidelines. All other layers shall be adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq., or mechanically attached using the fastening pattern of the top layer
3. All standard panel sizes are acceptable for mechanical attachment. When applied in approved asphalt, panel size shall be 4' x 4' maximum.
4. An overlay and/or recovery board insulation panel is required on all applications over closed cell foam insulations when the base sheet is fully mopped. If no recovery board is used the base sheet shall be applied using spot mopping with approved asphalt, 12" diameter circles, 24" o.c.; or strip mopped 8" ribbons in three rows, one at each side lap and one down the center of the sheet allowing a continuous area of ventilation. Encircling of the strips is not acceptable. A 6" break shall be placed every 12' in each ribbon to allow cross ventilation. Asphalt application of either system shall be at a minimum rate of 12 lbs./sq.
5. Fastener spacing for insulation attachment is based on a Minimum Characteristic Force (F') value of 275 lbf., as tested in compliance with Testing Application Standard TAS 105. If the fastener value, as field-tested, are below 275 lbf. insulation attachment shall not be acceptable.
6. Fastener spacing for mechanical attachment of anchor/base sheet or membrane attachment is based on a minimum fastener resistance value in conjunction with the maximum design value listed within a specific system. Should the fastener resistance be less than that required, as determined by the Building Official, a revised fastener spacing, prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant may be submitted. Said revised fastener spacing shall utilize the withdrawal resistance value taken from Testing Application Standards TAS 105 and calculations in compliance with Roofing Application Standard RAS 117.
7. Perimeter and corner areas shall comply with the enhanced uplift pressure requirements of these areas. Fastener densities shall be increased for both insulation and base sheet as calculated in compliance with Roofing Application Standard RAS 117. Calculations prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant **(When this limitation is specifically referred within this NOA, General Limitation #9 will not be applicable.)**
8. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform to Roofing Application Standard RAS 111 and applicable wind load requirements.
9. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners). **(When this limitation is specifically referred within this NOA, General Limitation #7 will not be applicable.)**
10. 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.

END OF THIS ACCEPTANCE