



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](http://www.miamidade.gov/economy)

**NOTICE OF ACCEPTANCE (NOA)**

**CertainTeed Corporation**  
**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: FlintFast Roofing Fastener Assemblies**

**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 #16-0802.01 and consists of pages 1 through 8. The submitted documentation was reviewed by Alex Tigera.



NOA No.: 18-0129.03  
Expiration Date: 04/17/23  
Approval Date: 03/22/18  
Page 1 of 8

## ROOFING COMPONENT APPROVAL

**Category:** Roofing  
**Sub-Category:** Roofing Fastener  
**Material:** Steel

### TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT

#### FASTENERS:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
FlintFast #14	#14 x 12" max. length	TAS 114 TAS 117	Carbon steel screw with #3 phillips drive, modified truss head for use in steel, wood or concrete decks. TruKote epoxy coating.
FlintFast #15 EHD	#15 x 24" max. length	TAS 114 TAS 117	Carbon steel screw with #3 phillips drive, modified truss head for use in steel, wood or concrete decks. TruKote epoxy coating.
FlintFast #12	#12 x 8" max. length	TAS 114 TAS 117	Carbon steel screw with #3 phillips drive, modified truss head for use in steel or wood decks. TruKote epoxy coating.

#### PLATES:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
FlintFast 3" Insulation Plate	3" Round with reinforcing ribs	TAS 114 TAS 117	Galvalume steel stress plate for use with FlintFast fasteners.
FlintFast 3" Recessed Insulation Plate	3" Round with reinforcing ribs and recessed center hole.	TAS 114 TAS 117	Galvalume steel stress plate for use with FlintFast fasteners.
FlintFast 2" Barbed Seam Plate	2" Round with reinforcing ribs and barbs	TAS 114 TAS 117	Galvalume steel stress plate for use with FlintFast fasteners.
FlintFast 2.4" Barbed Seam Plate	2.4" Round with reinforcing ribs and barbs	TAS 114	Galvalume steel stress plate for use with FlintFast fasteners.

#### MANUFACTURING LOCATIONS:

1. Bryan, OH.

#### EVIDENCE SUBMITTED:

<u>Test Agency/Identifier</u>	<u>Name</u>	<u>Report</u>	<u>Date</u>
Factory Mutual Research Corporation	FM 4470	3040205	06/08/10
Trinity   ERD	TAS 117 (A), (B) & (C)	2011.A35880.04.12-R1	04/03/12



NOA No.: 18-0129.03  
Expiration Date: 04/17/23  
Approval Date: 03/22/18  
Page 2 of 8

**TYPICAL PROPERTIES:**

**Note:** A 2 to 1 margin of safety has been applied to test results producing the design values noted herein.

<b>Withdrawal Resistance Performance - TAS 117(A) - Static Load</b>			
<b><u>Fastener</u></b>	<b><u>Deck Type</u></b>	<b><u>min. Penetration / Embedment</u></b>	<b><u>Static Withdrawal Resistance (lbf)</u></b>
FlintFast #12	Min. 19/32" plywood	3/4"	278
	Min. 22 ga., 50ksi steel	3/4"	232
FlintFast #14	Min. 19/32" plywood	3/4"	273
	Min. 22 ga., 50ksi steel	3/4"	261
	2,500 – 3,000 psi concrete	1"	297
FlintFast #15 EHD	Min. 19/32" plywood	3/4"	314
	Min. 22 ga., 50ksi steel	3/4"	353
	2,500 – 3,000 psi concrete	1"	417

<b>Withdrawal Resistance Performance - TAS 117(A) - Pulsating Load</b>			
<b><u>Fastener</u></b>	<b><u>Deck Type</u></b>	<b><u>min. Penetration / Embedment</u></b>	<b><u>Pulsating Load (lbf)</u></b>
FlintFast #12	Min. 19/32" plywood	3/4"	220
	Min. 22 ga., 50ksi steel	3/4"	127
FlintFast #14	Min. 19/32" plywood	3/4"	165
	Min. 22 ga., 50ksi steel	3/4"	156
	2,500 – 3,000 psi concrete	1"	263
FlintFast #15 EHD	Min. 19/32" plywood	3/4"	252
	Min. 22 ga., 50ksi steel	3/4"	239
	2,500 – 3,000 psi concrete	1"	325



**Base Sheet Rupture Performance - TAS 117(B)**  
**FlintFast 3" Insulation Plate & FlintFast 3" Recessed Insulation Plate**

<u>Manufacturer</u>	<u>Base Sheet</u>	<u>Typical Results (lbf)</u>
Generic	ASTM D 226, Type II	112.0
CertainTeed	Glasbase Base Sheet	77.5
	Flexiglas Base Sheet	126.5
	All Weather/ Empire Base Sheet	107.5
	Flintlastic 20 Base	151.5
	Flintlastic Poly SMS Base	186.0
	Yosemite Venting Base Sheet	124.0
	Flintlastic SA Nailbase	139.0
Firestone	MB Base M	101.0
	Venting Base	113.5
	SBS Base	135.0
GAF	GAFGLAS #75 Base Sheet	92.0
	GAFGLAS #80 Ultima Base Sheet	76.0
	GAFGLAS Stratavent Eliminator (nailable)	77.5
	FlexPly 6	104.5
	Liberty MA Mechanically Attached Base	150.0
Garland	HPR Glasbase	102.0
	HPR Premium Glasbase	112.0
	HPR Tri-Base Plus	231.5
Johns Manville	PermaPly 28	92.5
	Ventsulation	129.0
	GlasPly Premier	108.0
	DynaBase	133.0
	JM APP Base	104.0
Derbigum	PRS Glass Base	114.0
	PRS Modified Base Sheet	115.0
	PRS Vented Base	101.0
	Derbibase	120.5
	Derbibase Ultra	116.0
Siplast	Parabase	125.5
	Parabase Plus	127.0
Soprema	Sopra-G	103.5
	Modified Sopra-G	108.0
	Soprabase	190.0
Tamko	Glass-Base	92.5
	Vapor-Chan	121.0
US Ply	USP Base	115.0
	USP NVB	101.0
	DuraFlex 30 SBS Base	100.0
	DuraFlex 60 SBS Base	165.0
	DuraFlex SBS Polybase	184.0



<b>Base Sheet Rupture Performance - TAS 117(B) FlintFast 2" Barbed Seam Plate</b>		
<b><u>Manufacturer</u></b>	<b><u>Base Sheet</u></b>	<b><u>Typical Results (lbf)</u></b>
CertainTeed	Flintlastic Poly SMS Base Sheet	165.0
Johns Manville	DynaLastic 180 S	250.0
Soprema	Soprafix [S]	257.5

<b>Base Sheet Rupture Performance - TAS 117(B) FlintFast 2.4" Barbed Seam Plate</b>		
<b><u>Manufacturer</u></b>	<b><u>Base Sheet</u></b>	<b><u>Typical Results (lbf)</u></b>
CertainTeed	Flintlastic Poly SMS Base Sheet	197.0
Johns Manville	DynaLastic 180 S	326.0
Soprema	Soprafix [S]	358.0

**Notes:**

- 1. The physical properties listed above are presented at typical average values as determined by accepted ASTM test methods and Miami-Dade Protocols and are subject to normal manufacturing variation.**
- 2. A 2 to 1 margin of safety has been applied to test results providing the above noted design values.**



## APPROVED APPLICATIONS:

<b>Tradename:</b>	<b>FlintFast #12</b>
<b>System Type A:</b>	<b>Single Ply, Adhered or Mechanically Attached, New or Reroof</b>
<b>Compatible Plate(s):</b>	FlintFast 3” Insulation Plates and proprietary seam and fastening assembly plates listed in the specific Roof Assembly, Notice of Acceptance.
<b>Generic Insulation Types:</b>	Polyisocyanurate, Fiber Glass, Perlite, Rockwool, High Density Wood Fiber, Polystyrene, Urethane/Perlite Composite, Gypsum Cover Boards.
<b>Application:</b>	Mechanical attachment of roof insulation. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.
<b>Deck:</b>	18-22 ga. steel, wood, min. <sup>19</sup> / <sub>32</sub> " plywood or wood plank
<b>System Type B:</b>	<b>Built-up, Conventional, New or Reroof</b>
<b>Compatible Plate(s):</b>	FlintFast 3” Insulation Plates and proprietary seam and fastening assembly plates listed in the specific Roof Assembly, Notice of Acceptance.
<b>Generic Insulation Types:</b>	Polyisocyanurate, Fiber Glass, Perlite, Rockwool, High Density Wood Fiber, Polystyrene, Urethane/Perlite Composite, Gypsum Cover Boards.
<b>Application:</b>	Mechanical attachment of roof insulation. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.
<b>Deck:</b>	18-22 ga. steel, wood, min. <sup>19</sup> / <sub>32</sub> " plywood or wood plank
<b>System Type C:</b>	<b>Built-up Roofing, Modified Bitumen, New or Reroof</b>
<b>Compatible Plate(s):</b>	FlintFast 3” Insulation Plates and proprietary seam and fastening assembly plates listed in the specific Roof Assembly, Notice of Acceptance.
<b>Generic Insulation Types:</b>	Polyisocyanurate, Fiber Glass, Perlite, Rockwool, High Density Wood Fiber, Polystyrene, Urethane/Perlite Composite, Gypsum Cover Boards.
<b>Application:</b>	Mechanical attachment of roof insulation. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.
<b>Deck:</b>	18-22 ga. steel, wood, min. <sup>19</sup> / <sub>32</sub> " plywood or wood plank



<b>Tradename:</b>	<b>FlintFast #14 &amp; FlintFast #15 EHD</b>
<b>System Type A:</b>	<b>Single Ply, Adhered or Mechanically Attached, New or Reroof</b>
<b>Compatible Plate(s):</b>	FlintFast 3” Insulation Plates and proprietary seam and fastening assembly plates listed in the specific Roof Assembly, Notice of Acceptance.
<b>Generic Insulation Types:</b>	Polyisocyanurate, Fiber Glass, Perlite, Rockwool, High Density Wood Fiber, Polystyrene, Urethane/Perlite Composite, Gypsum Cover Boards.
<b>Application:</b>	Mechanical attachment of roof insulation and/or roof cover. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.
<b>Deck:</b>	18-22 ga. steel, wood, min. 19/32" plywood or wood plank and min.2500 psi concrete.
<b>System Type B:</b>	<b>Built-up, Conventional, New or Reroof</b>
<b>Compatible Plate(s):</b>	FlintFast 3” Insulation Plates and proprietary seam and fastening assembly plates listed in the specific Roof Assembly, Notice of Acceptance.
<b>Generic Insulation Types:</b>	Polyisocyanurate, Fiber Glass, Perlite, Rockwool, High Density Wood Fiber, Polystyrene, Urethane/Perlite Composite, Gypsum Cover Boards.
<b>Application:</b>	Mechanical attachment of roof insulation and/or roof cover. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.
<b>Deck:</b>	18-22 ga. steel, wood, min. 19/32" plywood or wood plank and min 2500 psi concrete.
<b>System Type C:</b>	<b>Built-up Roofing, Modified Bitumen, New or Reroof</b>
<b>Compatible Plate(s):</b>	FlintFast 3” Insulation Plates and proprietary seam and fastening assembly plates listed in the specific Roof Assembly, Notice of Acceptance
<b>Generic Insulation Types:</b>	Polyisocyanurate, Fiber Glass, Perlite, Rockwool, High Density Wood Fiber, Polystyrene, Urethane/Perlite Composite, Gypsum Cover Boards.
<b>Application:</b>	Mechanical attachment of roof insulation and/or roof cover. See specific Roof Assembly Notice of Acceptance for fastener density and approved attachment patterns.
<b>Deck:</b>	18-22 ga. steel, wood, min. 19/32" plywood or wood plank and min 2500 psi concrete.



## **GENERAL LIMITATIONS:**

1. Refer to Roof Assembly Notice of Acceptance for use, density and attachment patterns.
2. Fasteners shall be installed in accordance with manufacturer's published installation instructions.
3. Care shall be taken not to puncture or tear the base sheet or insulation facer during fastener installation. Application recommendations are noted in Roofing Application Standard TAS 117.
4. CertainTeed Corporation fasteners are a component part of Miami-Dade Approved Roof Assembly. These products are approved for use only with those roof assemblies approved for use with the components listed herein.
5. Any modifications to this Notice of Acceptance shall void such approval.
6. 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.
7. All approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.



**END OF THIS ACCEPTANCE**



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**Page 8 of 8**