



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

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
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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: FlintFast Fastening 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 consists of pages 1 through 8.

The submitted documentation was reviewed by Alex Tigera.

05/29/25



NOA No 24-0514.04
Expiration Date: 12/05/27
Approval Date: 05/29/25
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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 #12 Fastener	# 12 dia. x 8" max. length; #3 Phillips modified truss head.	TAS 114 TAS 117	Truss head modified BP type, self-drilling point, 13 threads per inch, carbon steel fastener for use on steel and wood decks. With Senti (black) coating.
FlintFast #14 Fastener	# 14 dia. x 12" max. length; #3 Phillips modified truss head.	TAS 114 TAS 117	Truss head modified BP type, self-drilling point, 10 threads per inch, carbon steel fastener for use on steel, wood or concrete decks. With Senti (black) coating.
FlintFast #15 Fastener	# 15 dia. x 14" max. length; #3 Phillips modified truss head.	TAS 114 TAS 117	Truss Head, modified BP type, self-drilling point, 13 threads per inch, carbon fastener for use on concrete, steel and wood decks. With Senti (black) coating.

PLATES:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
FlintFast 2" Round Barbed Membrane Stress Plate	2" diameter x .030"	TAS 114 TAS 117	Galvalume AZ 50 steel plate for use with all FlintFast fasteners.
FlintFast 2-3/8" Round Barbed Membrane Plate	2.37" diameter x .037"	TAS 114 TAS 117	Galvalume AZ 50 steel, barbed plate for use with all FlintFast fasteners.
FlintFast 2-7/8" Hex Insulation Stress Plate	2 ⁷ / ₈ " x 3 ¹ / ₄ " x .018"	TAS 114 TAS 117	Steel, Galvalume AZ50 stress plate for use with all FlintFast fasteners.
FlintFast 3" Round Insulation Stress Plate	3" diameter x .018"	TAS 114 TAS 117	Steel, Galvalume AZ50 stress plate for use with all FlintFast fasteners.
FlintFast 3" Plastic Insulation Stress Plate	3" diameter	TAS 114 TAS 117	Polypropylene round stress plate with a recessed hole for use with all FlintFast fasteners.

MANUFACTURING LOCATION:

1. Wyomissing, PA
2. Reading, PA.

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Name</u>	<u>Report</u>	<u>Date</u>
Factory Mutual Research Corporation	4470	3055227	05/21/15
Trinity ERD	TAS 117(A), (B) & (C)	SFS-SC12250.09.17	10/23/17



TYPICAL PROPERTIES:

Table 1: Withdrawal Resistance Performance - TAS 117(A) - Static Load

<u>Fastener</u>	<u>Deck Type</u>	<u>min. Penetration / Embedment</u>	<u>Typical Results (lbf)</u>
FlintFast #12 Fastener;	min. 19/32" plywood	½"	246.0
	min. 22 ga. grade 40 steel	½"	203.0
	min. 22 ga. grade 80 steel	½"	282.0
FlintFast #14 Fastener	min. 19/32" plywood	½"	300.5
	min. 22 ga. grade 40 steel	½"	163.5
	min. 22 ga. grade 80 steel	½"	284.0
	min. 3,000 psi concrete	1"	397.5
FlintFast #15 Fastener;	min. 19/32" plywood	½"	291.0
	min. 22 ga. grade 40 steel	½"	255.5
	min. 22 ga. grade 80 steel	½"	341.5
	min. 3,000 psi concrete	1"	399.0

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

Table 2: Withdrawal Resistance Performance - TAS 117(A) - Pulsating Load

<u>Fastener</u>	<u>Deck Type</u>	<u>min. Penetration / Embedment</u>	<u>Typical Results (lbf)</u>
FlintFast #12 Fastener;	min. 19/32" plywood	½"	150.0
	min. 22 ga. grade 40 steel	½"	164.0
	min. 22 ga. grade 80 steel	½"	214.5
FlintFast #14 Fastener	min. 19/32" plywood	½"	240.0
	min. 22 ga. grade 40 steel	½"	132.0
	min. 22 ga. grade 80 steel	½"	184.0
	min. 3,000 psi concrete	1"	320.0
FlintFast #15 Fastener;	min. 19/32" plywood	½"	232.0
	min. 22 ga. grade 40 steel	½"	232.0
	min. 22 ga. grade 80 steel	½"	275.0
	min. 3,000 psi concrete	1"	264.0

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

Table 3: Base Sheet Pull-Through Performance, FlintFast 2-7/8" Hex Insulation Stress Plate, TAS 117(B)		
<u>Base Sheet Manufacturer</u>	<u>Base Sheet</u>	<u>Dynamic Pull Through Value (lbf)</u>
Generic	ASTM D226, Type II	139.0
CertainTeed Corporation	Glasbase™ Base Sheet	66.0
Derbigum Americas, Inc	PRS Glass Base®	88.0
Derbigum Americas, Inc	Derbibase®	114.5
Firestone Building Products Company, LLC	MB Base M	82.5
GAF	GAFGLAS® #75 Base Sheet	82.5
The Garland Company, Inc.	HPR® Glasbase Sheet	93.5
Johns Manville Corp.	PermaPly® 28	80.5
Mid-States Asphalt & Cant Strip, Inc.	Arrowglass Base	80.5
Polyglass USA, Inc.	Polyglass® G2 Base	106.0
Polyglass USA, Inc.	Elastobase V® (sand/sand)	117.0
Polyglass USA, Inc.	Elastobase V® (sand/poly)	182.0
Siplast, Inc.	Parabase	84.5
SOPREMA, Inc.	Modified Sopra-G	85.5
Tamko Building Products, Inc.	Glass-Base®	84.5
Tremco, Inc.	BURMastic® Glass Ply	100.0
Tremco, Inc.	BURMastic® Composite Ply	210.5
U. S. Ply, Inc.	USP® Base Sheet	80.5

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



Table 4: Base Sheet Pull-Through Performance, FlintFast 3” Round Insulation Stress Plate, TAS 117(B)		
<u>Base Sheet Manufacturer</u>	<u>Base Sheet</u>	<u>Dynamic Pull Through Value (lbf)</u>
Generic	ASTM D226, Type II	122.0
CertainTeed Corporation	Glasbase™ Base Sheet	92.0
Derbigum Americas, Inc	PRS Glass Base®	112.5
Derbigum Americas, Inc	Derbibase®	88.0
Firestone Building Products Company, LLC	MB Base M	84.5
GAF	GAFGLAS® #75 Base Sheet	82.5
The Garland Company, Inc.	HPR® Glasbase Sheet	93.5
Johns Manville Corp.	PermaPly® 28	80.0
Mid-States Asphalt & Cant Strip, Inc.	Arrowglass Base	97.0
Polyglass USA, Inc.	Polyglass® G2 Base	95.0
Polyglass USA, Inc.	Elastobase V® (sand/sand)	125.0
Polyglass USA, Inc.	Elastobase V® (sand/poly)	193.5
Siplast, Inc.	Parabase	96.0
SOPREMA, Inc.	Modified Sopra-G	85.5
Tamko Building Products, Inc.	Glass-Base®	86.0
Tremco, Inc.	BURMastic® Glass Ply	89.0
Tremco, Inc.	BURMastic® Composite Ply	202.0
U. S. Ply, Inc.	USP® Base Sheet	84.0

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

Table 6: Single Ply Membrane Pull-Through Performance, TAS 117(B)		
<u>Stress Plate</u>	<u>Membrane</u>	<u>Dynamic Pull Through Value (lbf)</u>
FlintFast 2” Round Barbed Membrane Stress Plate	Seaman Corp. FiberTite	410.2
FlintFast 2-3/8” Round Barbed Membrane Plate	Seaman Corp. FiberTite	438.7

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



APPROVED APPLICATIONS:

Trade Name: FlintFast #12 Fastener

Deck: 18-22 ga. steel, wood, min. $19/32$ " plywood or wood plank.

Compatible Plate(s): FlintFast 3" Round Insulation Stress Plate, FlintFast 3" Plastic Insulation Stress Plate, FlintFast 2-7/8" Hex Insulation Stress Plate, and proprietary insulation and seam and fastening assembly plates listed in the specific Roof Assembly, Product Control Notice of Acceptance.

Application: See specific Roof Assembly Product Control Notice of Acceptance for fastener density and approved attachment patterns.

Trade Name: FlintFast #14 Fastener

Deck: 18-22 ga. steel, wood, min. $19/32$ " plywood or wood plank, 2500 psi concrete or concrete plank.

Compatible Plate(s): FlintFast 3" Round Insulation Stress Plate, FlintFast 3" Plastic Insulation Stress Plate, FlintFast 2-7/8" Hex Insulation Stress Plate, FlintFast 2" Round Barbed Membrane Stress Plate, FlintFast 2-3/8" Round Barbed Membrane Plate, and proprietary insulation and seam and fastening assembly plates for membrane and component attachment listed in the specific Roof Assembly, Product Control Notice of Acceptance.

Application: See specific Roof Assembly Product Control Notice of Acceptance for fastener density and approved attachment patterns.

Trade Name: FlintFast #15 Fastener

Deck: 18-22 ga. steel, wood, min. $19/32$ " plywood or wood plank, 2500 psi concrete or concrete plank.

Compatible Plate(s): FlintFast 3" Round Insulation Stress Plate, FlintFast 3" Plastic Insulation Stress Plate, FlintFast 2-7/8" Hex Insulation Stress Plate, FlintFast 2" Round Barbed Membrane Stress Plate, FlintFast 2-3/8" Round Barbed Membrane Plate, and proprietary insulation and seam and fastening assembly plates for membrane and component attachment listed in the specific Roof Assembly, Product Control Notice of Acceptance.

Application: See specific Roof Assembly Product Control Notice of Acceptance for fastener density and approved attachment patterns.

GENERAL LIMITATIONS:

1. Refer to Assembly Notices 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. SFS Group USA, Inc. fasteners are a component part of a Miami-Dade Approved Roof Assembly. These products are approved for use only with those roof assemblies listing these products as an approved component. Refer to an approved Roof Assemblies Notices of Acceptance for use, density and attachment patterns.
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



NOA No 24-0514.04
Expiration Date: 12/05/27
Approval Date: 05/29/25
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