



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

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

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www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Firestone Building Products Company, LLC.
200 4th Avenue South
Nashville, TN 37201

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: UC14 Steel Standing Seam Metal Roof Panel

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 renews NOA#14-0122.03 and consists of pages 1 through 9.

The submitted documentation was reviewed by *Freddy Semino* 



NOA No.: 18-0502.01
Expiration Date: 12/31/23
Approval date: 08/09/18
Page 1 of 9

ROOFING SYSTEM APPROVAL:

Category: Roofing
Sub-Category: Metal, Panels(Non-Structural)
Material: Steel
Deck Type: Wood
Maximum Design Pressure -144.25 psf

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
Firestone UC-14 Metal Roof Deck Panel	l = various height: 1-3/4" maximum w = 18" min. 24 gage (0.024") Min Yield Strength: 57ksi	TAS 110	Corrosion resistant, galvalume or galvanized, preformed, standing seam, coated, prefinished, metal panels.
Trim Pieces	l = varies w = varies min. 24 ga. (0.024")	TAS 110	Standard flashing and trim pieces. Manufactured for each panel width.
UC-14 Clips	Base: 3.75" x 1.15" Thickness: 18ga (.050") Tab: 3.5" x 1.875" Thickness: 18ga (.050") Hole Diameter:0.22"	TAS 114 Appendix E	One piece G-90 Galvanized or 300 Series Stainless Steel panel clip used for the field conditions of Firestone UC-14 panel assembly.
UC-14 Continuous Clips	Base: 37.25" x 1.15" Thickness: 18ga (.050") Tab: 37.25" x 1.875" Thickness: 18ga (.050") Hole Diameter:0.22"	TAS 114 Appendix E	One piece G-90 Galvanized or 300 Series Stainless Steel panel continuous clip used for the field conditions of Firestone UC-14 panel assembly. Clip contains 10 evenly spaced holes for screws.

MANUFACTURING LOCATION:

- Anoka, MN.



EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
PRI Construction Materials	FBP-026-02-01	TAS 100	10/18/07
Valspar			
	VLS-015-02-01A	ASTM B 117	05/15/18
	VLS-015-02-01B	ASTM G 155	05/15/18
	VLS-015-02-02A	ASTM B 117	05/15/18
	VLS-015-02-02B	ASTM G 155	05/15/18
Underwriters Laboratories	07NK19743	UL 580	08/06/08
Architectural Testing	C7247.01-450-18	TAS 125	05/22/13



APPROVED ASSEMBLIES

SYSTEM A-1: UC14, 24 ga, 16” wide Steel Panel

Deck Type: Wood, Non-insulated

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

Slope Range: 2":12" or greater

Maximum Uplift Pressure: See Table ‘A’ Below

Deck Attachment: In accordance with applicable Building Code, but in no case shall it be less than 8d annular ring shank nails spaced 6” o.c. In reroofing, where the deck is less than 1⁹/₃₂” thick (Minimum 1⁵/₃₂”). The above attachment method must be in addition to existing attachment.

Underlayment: Minimum underlayment shall be an ASTM D 226 Type II installed with a minimum 4” side-lap and 6” end-laps. Underlayment shall be fastened with corrosion resistant tin-caps and 12 gauge 1 1/4” annular ring-shank nails, spaced 6” o.c. at all laps and two staggered rows 12” o.c. in the field of the roll. Or, any approved underlayment having a current NOA.

Valleys: Valley construction shall be in compliance with Roofing Application Standard RAS 133 and with Firestone Metal Products’ current published installation instructions.

Fire Barrier Board: Any approved fire barrier having a current NOA. Refer to a current fire directory listing for fire ratings of this roofing system assembly as well as the location of the fire barrier within the assembly. See Limitation # 1.

Metal Panels and Accessories: Install the "UC14 Steel Panels" and accessories in compliance with Firestone Metal Products’ current, published installation instructions and details. Flashing, penetrations, valley construction and other details shall be constructed in compliance with the minimum requirements provided in Roofing Application Standards RAS 133.

1. Panels shall be installed with approved clips over the male end of the panel and shall be at a maximum spacing noted in Table A. Place the female end of the adjacent panel over the male/clip assembly.
2. Clips are to be attached to substrate with (2) one corrosion resistant #10 screws per clip of sufficient length to penetrate through the sheathing a minimum of 3/16”.

TABLE A MAXIMUM DESIGN PRESSURES		
Roof Areas	Field	Perimeter and Corner¹
Maximum Design Pressures	-78.5 psf	-99.5 psf
Maximum Clip Spacing	12” o.c.	6” o.c.
1. Extrapolation shall not be allowed		



SYSTEM A-2: UC14, 24 ga, 18" wide Steel Panel
Deck Type: Wood, Non-insulated
Deck Description: 1⁹/₃₂" or greater plywood or wood plank.
Slope Range: 2":12" or greater
Maximum Uplift Pressure: See Table 'B' Below

Deck Attachment: In accordance with applicable Building Code, but in no case shall it be less than 8d annular ring shank nails spaced 6" o.c. In reroofing, where the deck is less than 1⁹/₃₂" thick (Minimum 1⁵/₃₂"). The above attachment method must be in addition to existing attachment.

Underlayment: Minimum underlayment shall be an ASTM D 226 Type II installed with a minimum 4" side-lap and 6" end-laps. Underlayment shall be fastened with corrosion resistant tin-caps and 12 gauge 1 1/4" annular ring-shank nails, spaced 6" o.c. at all laps and two staggered rows 12" o.c. in the field of the roll. Or, any approved underlayment having a current NOA.

Valleys: Valley construction shall be in compliance with Roofing Application Standard RAS 133 and with Firestone Metal Products' current published installation instructions.

Fire Barrier Board: Any approved fire barrier having a current NOA. Refer to a current fire directory listing for fire ratings of this roofing system assembly as well as the location of the fire barrier within the assembly. See Limitation # 1.

Metal Panels and Accessories: Install the "UC14 Steel Panels" and accessories in compliance with Firestone Metal Products' current, published installation instructions and details. Flashing, penetrations, valley construction and other details shall be constructed in compliance with the minimum requirements provided in Roofing Application Standards RAS 133.

Notes: Field Condition Attachment:

1. Each roof panel is mechanically attached to the substrate along the male leg using a series of individual clips located at 12" from each end and at 16" on center thereafter. Each individual clip shall be hooked over the male leg and secured to the substrate using (2) two corrosion resistant #10 x 1" pancake head screws. Place the female end of the adjacent panel over the male/clip assembly. **Note: Female end contains a factory applied 3/8" wide continuous bead of sealant.**



Perimeter/Corner Condition Attachment:

2. Perimeter and Corners shall be secured using a continuous clip followed by a single clip. The pattern created will be continuous clip-single clip-continuous clip and so on.

Continuous clips shall be attached with (1) corrosion resistant #10 screw per each hole in the continuous clip. Single clip is used between each continuous clip and is attached with (2) two corrosion resistant #10 x 1" pancake head screws per clip of sufficient length to penetrate through the sheathing a minimum of $\frac{3}{16}$ ". Place the female end of the adjacent panel over the male/clip assembly. **Note: Female end contains a factory applied 3/8" wide continuous bead of sealant.**

TABLE B		
MAXIMUM DESIGN PRESSURES		
Roof Areas	Field	Perimeter and Corner¹
Maximum Design Pressures	-91.75 psf	-144.25 psf
Maximum Clip Spacing	See Note #1	See Note #2
1. Extrapolation shall not be allowed		



SYSTEM LIMITATIONS

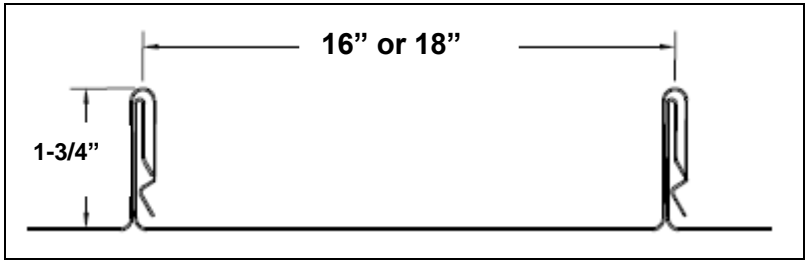
1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. The maximum designed pressure listed herein shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners).
3. Panels may be rolls formed in continuous lengths from eave to ridge. Maximum lengths shall be as described in Roofing Application Standard RAS 133
4. All panels shall be permanently labeled with the manufacturer's name and/or logo, and the following statement: "Miami-Dade County Product Control Approved" **or** with the Miami-Dade County Product Control Seal as seen below. All clips shall be permanently labeled with the manufacturer's name and/or logo, and/or model.



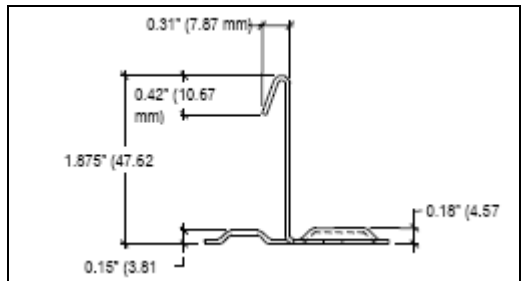
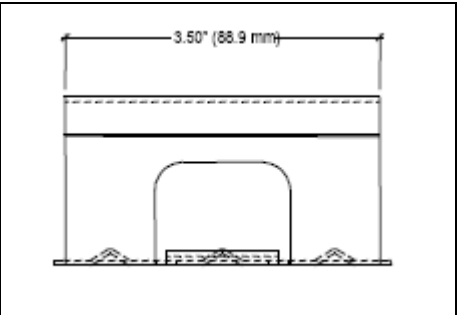
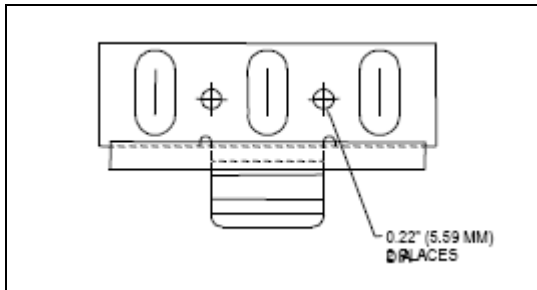
5. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.



PROFILE DRAWINGS

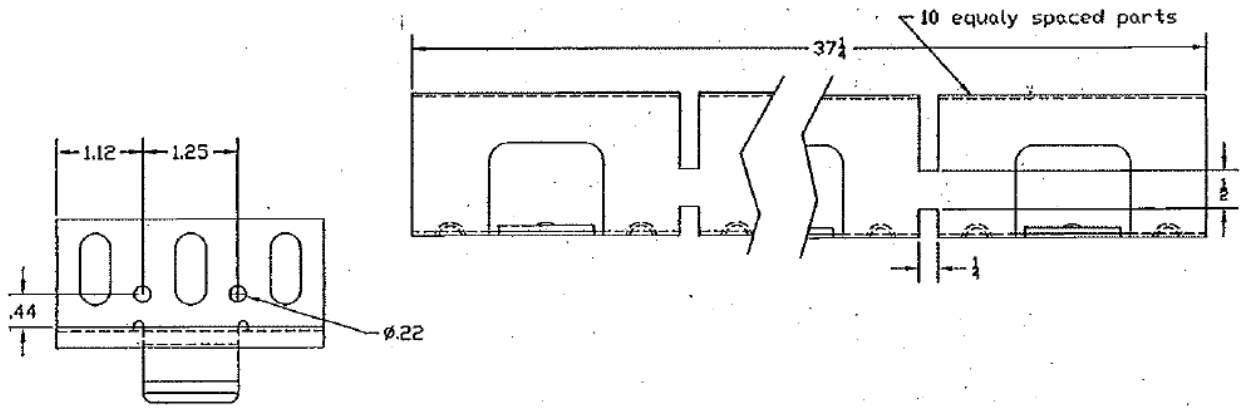


**UC-14 – 24GA. STEEL PANEL
(SEALANT NOT SHOWN)**



SINGLE PANEL CLIP





CONTINUOUS CLIP

END OF THIS ACCEPTANCE

