



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

NOTICE OF ACCEPTANCE (NOA)

Sentrigard Metal Systems LLC.
1000 Dillard Drive
Forest, VA 24551

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: Sentrigard SL175 Roof Panel 16" wide x 24 Ga. Steel over Plywood

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 Rafael Macedo.

12/25/25



NOA No.: 25-1112.15
Expiration Date: 12/25/30
Approval Date: 12/25/25
Page 1 of 8

ROOFING ASSEMBLY APPROVAL:

<u>Category:</u>	Roofing
<u>Sub-Category:</u>	Non-Structural Metal Roofing
<u>Material:</u>	Steel
<u>Deck Type:</u>	Wood
<u>Maximum Design Pressure</u>	See Table A

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
SL175	l = various Height: 1.75" w = 16" Thickness 0.0216 Min. Yield Strength: 54.1 ksi.	TAS 110 TAS 125	Corrosion resistant, galvalume, preformed, standing seam. Coated, pre-finished, metal panels.
SL175 Clip	Length: 3.75" Width: 1.875" Thickness 0.0478"	TAS 125	Corrosion resistant, galvalume, preformed, coated, pre-finished, metal clips for use in Field or Perimeter and Corner Area of Roof.
Steel Strap	min. 24 ga. 4-1/2" long x 3/4" high	TAS 110	Corrosion resistant, formed, continuous steel strap for metal panel installation.
Trim Pieces	l = varies w = varies Thickness 0.0216	TAS 110	Standard flashing and trim pieces. Manufactured for each panel width.

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY OTHERS:

<u>Product</u>		<u>Test Specifications</u>	<u>Product Description</u>
Titebond Metal Roof Weathermaster Sealant	One component, elastomeric polymer sealant.	TAS 132	Franklin International
FT Synthetics Platinum HTB	Self-adhering, waterproofing membrane made with butyl rubber adhesive used in steep slope roofing applications.	ASTM D 1970	FT Synthetics, Inc.



EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
Farabaugh Engineering and Testing Inc.	T230-21	TAS 125-03	8/09/21
	T289-21	ASTM E 8-21	
		TAS 100-95	11/30/21
Fluropon		ASTM B 117	05/30/19
Fluropon		ASTM G 152	05/30/19



APPROVED ASSEMBLIES:

System:	SL175 Roof Panel 16" wide x 24 Ga. Steel
Deck Type:	Wood, Non-Insulated
Deck Description:	New Construction $\frac{5}{8}$ " 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 $\frac{19}{32}$ " thick (Minimum $\frac{15}{32}$ "). The above attachment method must be in addition to existing attachment.
Insulation:	Minimum $\frac{3}{4}$ " thick and Maximum 4" thick of an approved rigid board insulation with current NOA having a minimum 20psi compressive strength. Followed by a $\frac{1}{2}$ " layer of Georgia Pacific "Dens Deck" fastened with approved fasteners and plates as noted below under the "underlayment" section. Fastening density shall be in compliance with applicable Building Code and Roofing Application Standard RAS 117.
Underlayment:	Minimum underlayment shall be a ASTM D 226 Type II installed with a minimum 4" side-laps and 6" end-laps. Underlayment shall be fastened with corrosion resistant tin-caps and $1\frac{1}{4}$" 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 Miami-Dade County Product Control Approved underlayment having a current NOA. Additionally, install a layer of FT Synthetics Platinum HTB (ice and water shield) underlayment to top of cover board.
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.
Valleys:	Valley construction shall be in compliance with Roofing Application Standard RAS 133 and with Sentrigard's current published installation instructions.



Metal Panels and Accessories:

Install the "SL175 Panel" and accessories in compliance with the current published installation instructions and details in Sentrigard's Installation Manual. Flashings, penetrations, valley construction and other details shall be constructed in compliance with Roofing Application Standard RAS 133. Steel strap shall be caulked with a minimum $\frac{3}{8}$ " bead of Titebond Metal Roof Weathermaster Sealant on each side of steel strap prior to roof panel anchorage.

Panels shall be installed with approved clips and (2) two corrosion resistant #14-13 self-tapping pancake screws of sufficient length to penetrate through the deck a minimum of $\frac{3}{16}$ ". Panel seams shall be Fastening shall start 3" from panel end and shall be at maximum spacing as described below in **Table A**.

Attach adjacent panel by placing the female rib over the male rib and clip. Standing seams shall be hand crimped to form an integral snap lock.

For the second perimeter and corner condition option, before installing the panels, install steel strap running vertically up the slope with #14-13 self-tapping pancake screws, 12" o.c. in a staggered pattern. Steel strap shall be caulked with a minimum $\frac{3}{8}$ " bead of Titebond Metal Roof Weathermaster Sealant on each side of steel strap prior to roof panel anchorage. Install one steel strap underneath the center of each panel.

TABLE A			
MAXIMUM DESIGN PRESSURES			
Roof Areas	Field 1	Perimeter and Corner¹	Perimeter and Corner^{1,2}
Maximum Design Pressures	-73.6 psf	-83.95 psf	-165 psf
Maximum Clip Spacing	24" o.c.	12" o.c.	12" o.c.
1. Extrapolation shall not be allowed			
2. Steel Strap with Titebond Metal Roof Weathermaster Sealant			



SYSTEM LIMITATIONS

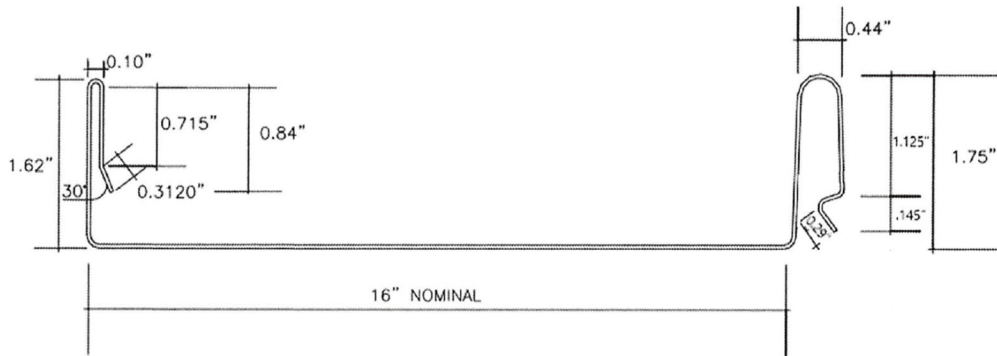
1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. The maximum designed pressure listed herein shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, 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.



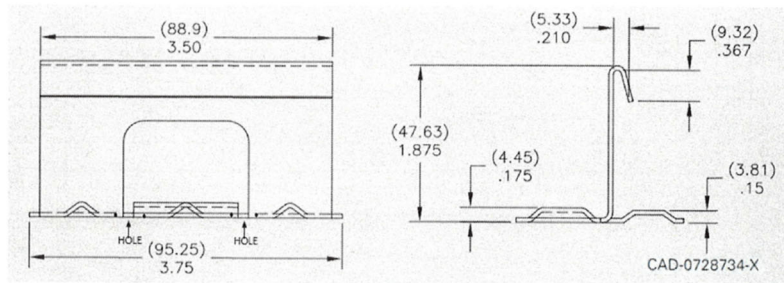
5. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.
6. Panels may be jobsite roll formed with machine model # **Q98631039A**



DRAWINGS



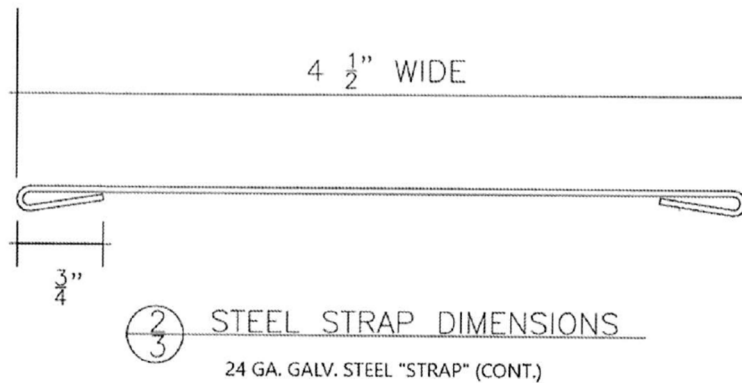
SL175 PANEL PROFILE



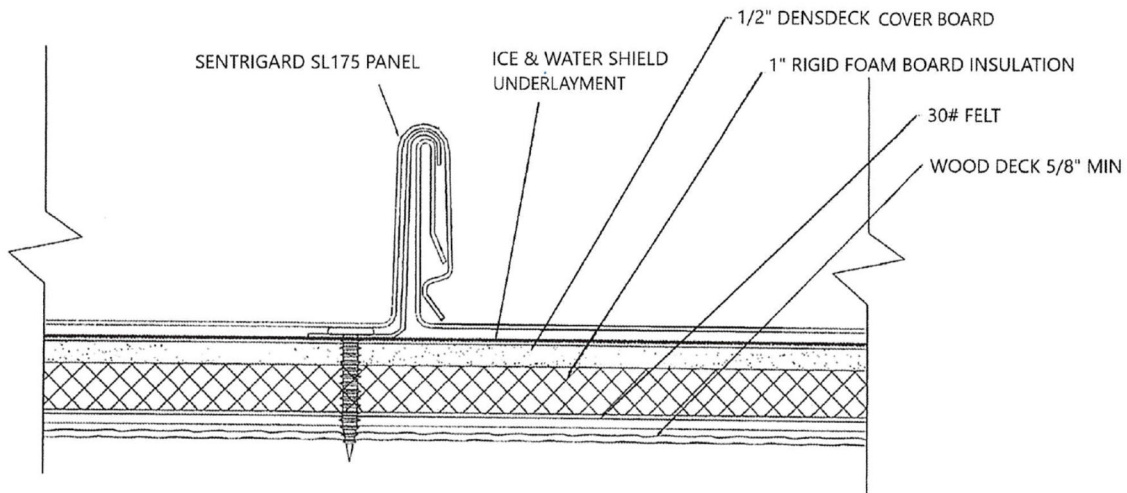
SL 175 CLIP

Specifications

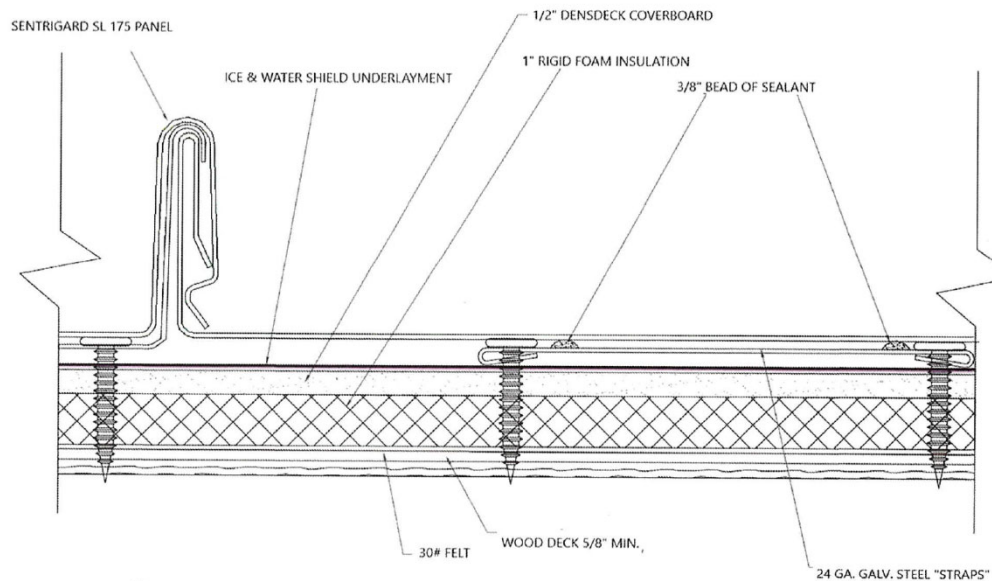
Height: Width: 1.875" (47.63 mm)
3.50" (88.90 mm)
Holes: (2) 0.22" DIA. HOLES



STEEL STRAP



**PANEL ASSEMBLY VIEW
(WITHOUT STEEL STRAP)**



**PANEL ASSEMBLY VIEW
(WITH STEEL STRAP)**

SENTRIGARD SL175 STEEL ROOF PANEL

END OF THIS ACCEPTANCE