



Product Evaluation Report
MIDWEST MANUFACTURING

28 Ga. Pro-Snap Roof Panel over 19/32" Plywood

Florida Product Approval # 42461.1 R1

Florida Building Code 2026

Per Rule 61G20-3

Method: 1 -D

Category: Roofing

Subcategory: Metal Roofing

Compliance Method: 61G20-3.005(1)(d)

NON HVHZ

Product Manufacturer:

Midwest Manufacturing

5311 Kane Road

Eau Claire, WI 54703

Engineer Evaluator:

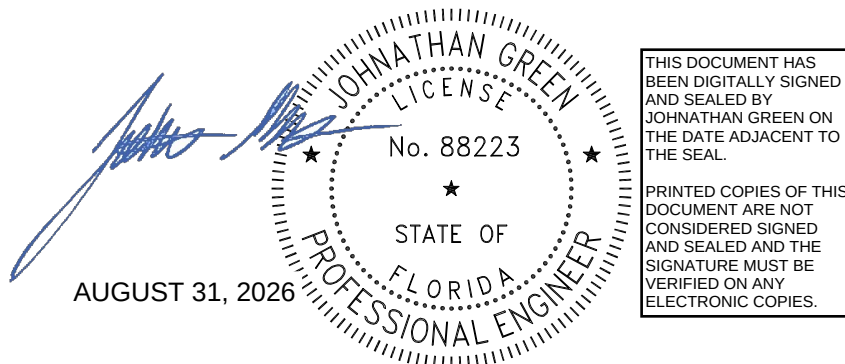
Johnathan Green, P.E. #88223

Florida Evaluation ANE ID: 12901

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Compliance Statement:	The product as described in this report has demonstrated compliance with the Florida Building Code 2026, Sections 1504.3.2, 1504.7.
Product Description:	Pro-Snap Standing Seam Roof Panel, 28 Ga. Steel, 16" Coverage, ¾" Snap lock Roof Panel fastened to minimum 19/32" APA Plywood decking. Non-Structural Application.
Panel Material/Standards:	Material: Minimum 28 Ga. Steel conforming to Florida Building Code 2026 Section 1507.4.3. Yield Strength: Min. 80.0 ksi Corrosion Resistance: Panel Material shall comply with Florida Building Code 2026, Section 1507.4.3.
Panel Dimension(s):	Thickness: 0.018" min. nominal Width: 16" Maximum Coverage Rib Height: ¾" Nominal Panel Seam: Snap lock with fastener flange on male rib with 1/8" x ¾" slots at 6 ½" O.C.
Panel Fastener:	(1) #10-12 x 1" Pancake or approved equal Corrosion Resistance: Per Florida Building Code 2026 Section 1506.6, 1507.4.4 and Section 1711 for installations within 3000 ft. of a saltwater coastline.
Substrate Description:	Min. 19/32" thick, APA Rated plywood over supports at maximum 24" O.C. Design of plywood and plywood supports are outside the scope of this evaluation. Substrate must be designed in accordance w/ Florida Building Code.

Allowable Design Uplift Pressures:

Table "A"

Maximum Allowable Uplift Design Pressure:	-41.7 psf	-101.0 psf
Fastener Spacing:	13" O.C.	6 ½" O.C.

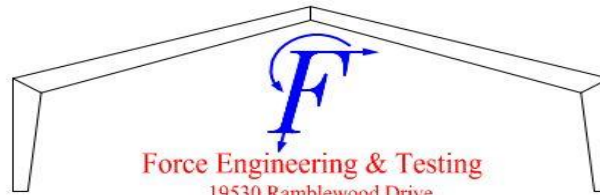
*Design Pressure includes a Safety Factor = 2.0.



Code Compliance:	The product described herein has demonstrated compliance with The Florida Building Code 2026, Section 1504.3.2, 1504.7.
Evaluation Report Scope:	The product evaluation is limited to compliance with the structural wind load requirements of the Florida Building Code 2026, as relates to Rule 61G20-3.
Performance Standards:	The product described herein has demonstrated compliance with: ▪ UL 580-06 - Test for Uplift Resistance of Roof Assemblies ▪ UL 1897-2015 - Uplift Test for Roof Covering Systems ▪ FM 4471-92 - Foot Traffic Resistance Test
Reference Data:	1. UL 580-06 / 1897-2015 Uplift Test Force Engineering & Testing (FBC Organization # TST-5328) Report No. 788-0105T-23. 2. FM 4471-10, Section 4.4 Foot Traffic Resistance Test Force Engineering & Testing (FBC Organization # TST-5328) Report No. 788-0105T-23. 3. Certificate of Independence By Johnathan Green, P.E. #88223
Test Standard Equivalency:	The FM 4471-10, Foot Traffic Resistance test standard is equivalent to the FM 4471-92, Foot Traffic Resistance test standard.
Quality Assurance Entity:	The manufacturer has established compliance of roof panel products in accordance with the Florida Building Code and Rule 61G20-3.005 (3) for manufacturing under a quality assurance program audited by an approved quality assurance entity.
Minimum Slope Range:	Minimum Slope shall comply with Florida Building Code 2026, including Section 1507.4.2 and in accordance with Manufacturers recommendations.
Installation:	Install per manufacturer's recommended details.
Limitation:	Metal hip and ridge covers are outside the scope of this evaluation report and must be in compliance with FBC 2026 Section 1504.3.1.1 through other product approval.



Underlayment:	Per Florida Building Code 2026, Section 1507.1 and manufacturer's installation guidelines.
Roof Panel Fire Classification:	Fire classification is not part of this evaluation.
Shear Diaphragm:	Shear diaphragm values are outside the scope of this report.
Design Procedure:	Based on the dimensions of the structure, appropriate wind loads are determined using Chapter 16 of the Florida Building Code 2026 for roof cladding wind loads. These component wind loads for roof cladding are compared to the allowable pressure listed above. The design professional shall select the appropriate erection details to reference in his drawings for proper fastener attachment to his structure and analyze the panel fasteners for pullout and pullover. Support framing must be in compliance with Florida Building Code 2026 Chapter 22 for steel, Chapter 23 for wood and Chapter 16 for structural loading.



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28 GA. PRO-SNAP PANEL

