



Florida Product Approval # FL 30343

Premier Metal
17613 South Hwy. 475
Summerfield, FL. 34491
352-356-1609

PS-175 .032 ALUMIN SNAP LOCK Steel Panel over Plywood

Florida Building Code 2017 6th ed.
Compliance: Per Rule 61G20-3 Method: 1-D
Category: Roofing -Subcategory: Metal Roofing NON-HVHZ

Engineer Evaluator
Locke Bowden, P.E.
9450 AJysbury Place
Montgomery, AL 36117

Engineer Validator
Diane Marotta, P.E.
555 Prospect Road
Oakland, FL 33309



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- Compliance Statement:** The product as described in this report has demonstrated compliance with the Florida Building Code 2017 6th ed., Sections 1504.3.2, 1507.4.3, 1507.1.1
- Product Description:** **PS-175 26 GA .032 SNAP LOCK** Panel, 18" Width Roof panels. over 15/32" 4-ply CDX plywood over supports@ 24" O.C. MAX. rib height 1-3/4" .032
- Material:** aluminum conforming to Florida Building Code 2017 Section 1507.4.3 Panel restrained with clips.
- Panel Dimensions:** Corrosion Resistance: Panel Material shall comply with Florida Building Code 2017, Section 1507.4.3
Panel Widths: 18" width panels Plywood supports at maximum 24' O.C.
- Fastener:** 2017 Section 1506.7. (2) fasteners per clip-#10 X 1" Hi-LO fastener Wood screw Corrosion Resistant per Florida Building Code 1/4" min. penetration through bottom of plywood. CLIPS: 3-1/2" LONG 18GA G-90 Galvanized OR Stainless steel
- Design of plywood supports are outside the scope of this evaluation. Must be designed in accordance w/ Florida Building Code 2017.
- Minimum Slope :** Range Slope per Florida Building Code 2017 6th ed., in accordance with Manufacturers recommendations.
- Installation:** Install per manufacturer's recommended details.
- Underlayment:** Per Manufacturer's installation guidelines per Florida Building Code 2017, CHAPTER 1507, CHART 1507.1.1
- Fire Classification:** Classification not part of this report.
- Shear Diaphragm:** Values are outside the scope of this report.
- Design Procedure:** Based on the dimensions of the structure, applicable wind loads are determined using Chapter 16 of the Florida Building Code 2017 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 applicable erection details to reference in drawings for correct fastener attachment to his structure and analyze the panel fasteners for pullout and pullover. Support framing must be compliant with Florida Building Code 2017 Chapter 22 for steel, Chapter 23 for wood and Chapter 16 for structural loading.



PS-175 SNAP LOCK .032 Aluminum PANEL

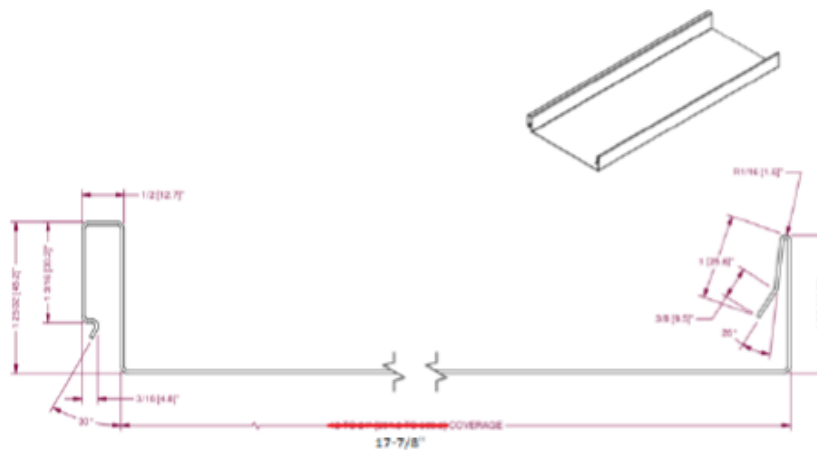
Design Uplift Pressures: Uplift Design Pressure: with Safety Factor of 2 :1
 - 108.5psf 18"o.c. clip spacing

Intertek_ Test References: -I4625.01-450-44-R0
 ➤ UL 580-06-Test for Uplift Resistance of Roof Assemblies

LIMITATIONS

1. Underlayment to be compliance with current Florida Building Code (FBC)2017 6th ed.. see Chart 1507.1.1
2. Minimum slope to be compliant with Florida Building Code 2017 6th ed., and per with Manufacturer's installation reference.
3. Products are compliant with State of Florida product approval per Rule 61G20-3. Compliance Method: 1-D
4. Engineering analysis for "project specific approval by local authorities w/jurisdiction is allowed by other registered engineers.
5. Fire classification is not part of this acceptance. Shear diaphragm values are outside this report.
6. Support framing in compliance w/FBC 2017 6th ed., Chapter 22 Steel, Chapter 23 Wood and Chapter 16 Structural Loading.
7. This report does not imply warranty, installation, recommended product use outside of this report.

INSTALL DETAILS PER MANUFACTURER'S DETAILS AND IN ACCORDANCE WITH FBC 2017.



Integrity Metal authorizes sharing this report.

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