



Product Report

Manufacturer: Petersen Aluminum Corporation

102 Northpoint Parkway
 Building 106
 Acworth, GA 30102
 (800) 272-4482

Florida Product Approval #23157

Soffit Panels

NON-HVHZ

Compliant with Florida Building Code 2023 (8th ed.) Sections 1403, 1504, 1505, 1506, 1507 Compliant with Florida Product Approval Rule # 61G20-3
 Compliant Quality Assurance Program: UL LLC

FL 23157.5 Product: PAC-850 Aluminum Soffit Panel 12" wide X 0.032" Alum over 22GA purlins NON-HVHZ

Fastened with Corrosion Resistant #10 x 16 #3 SD into 22GA Steel Purlin or equivalent #10-12 Type A into Wood Purlin. (Hook and Grab Interlock rib)

Phillips #10 16 Pancake Tek/3 fasteners for Steel applications.

Support spacing max. 48" o.c. Rib height .38" Purlins (Design of support system not part of this report. Steel Purlins: 22 GA 50ksi *See Load Table for Margin of Safety Variables

LIMITATIONS:

1. Products herein this report are compliant with current Florida Building Code (FBC)2023 8th ed.
2. Install in compliance with FBC 2023 8th ed., W/manufacture's reference.
3. Products are compliant for State of Florida product approval per Rule 61G20-3.
4. Compliance Method: 1-D. Engineering analysis "project specific approval" to determine wind safety factors, is allowed by other registered professionals.
5. Fire classification is not part of this acceptance. Shear diaphragm values are outside this report.
6. Support framing in compliance w/FBC 2023 8th ed., Chapter 22 for Steel, Chapter 23 and Chapter 16 for Structural Loading.
7. This report does not imply warranty, installation, recommended product use outside of this report.

SUBSTRATE:	22GA STEEL PURLIN	WOOD PURLIN
PURLIN SPACING:	4'-0" O.C.	1'-0" O.C.
FASTENERS PER PURLIN:	1	1
SPAN CONDITION:	2-SPAN	3-SPAN
**DESIGN PRESSURE:	-24.27 PSF	-110.93 PSF

****DESIGN PRESSURE INCLUDES A 1.5 Margin of Safety Factor**

Reference Data:

ASTM E 1592-05 (2012) Standard Test Method for Structural Performance of Sheet Metal Roof and Soffit Systems by Uniform Static Air Pressure Difference.

ASTM E 330 (2002) Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights, and Curtain Walls by Uniform Static Air Pressure Difference.

Fenestration Testing Laboratory, Inc. (TST-1657)

Project Test #13-4858

Cerny and Ivy Engineers Incorporated (TST-3850)

Project Test #T24337

Load table provided by Force Engineering and Testing

EQUIVALENCY: ASTM E 1592-05, test standards are equivalent to ASTM E 1592-2012 test standards

Certificate of Independence:

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