

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

Florida Product Approval # 23225.1 (0.032) Aluminum Flush Wall Panel (concealed clips)NON-HVHZ

Compliant with Florida Building Code 2023 8th ed.

Compliant with Florida Product Approval Rule # 61G20-3

Quality Assurance Compliant Product: 0.032 Aluminum FLUSH Panel w/ 24 GA 55 clips

Anchor: Attached to Min. 16GA metal Purlin framing that was wrapped a double pine wood buck. No shim space was utilized. The metal Purlin perimeter track was secured to the test buck using #8 x 1 1/4 FH screws spaced 12" on center for specimen #1. Specimen #2 was secured using same screws spaced at 12" on center at the head and the sill and 16" on center at the jambs. The intermediate Purlins were secured to the top and bottom track using a single #8 x 1/2" self-drilling PH screw through each track flange.- Corrosion Resistant Compliant: FBC Sec. 1507

Analysis by a Florida licensed professional, with consideration of local conditions, wind zones, and structural substrate support should determine the proper fastener attachment.

Span spacing: 12", 18", 24", 30", 36", 42", 48", see load table attached from Intertek Testing Laboratory test report.

**Panel and Material Flush-Panel**

X 0.032 Aluminum Panel w/ 24GA SS clips

**Support Spc./Load(psf)**

1' / -130 psf

4' / -23 psf

Allowable Uplift Loads Margin of Safety 2:1

**Support Spc./Load(psf)**

1' / -158psf

4' / -27psf

Allowable Uplift Loads  
Margin of Safety 1.65:1

**TEST REFERENCES:**

Intertek Test No. I5091.03-450-44 R0 ASTM E330-14

**Limitations:**

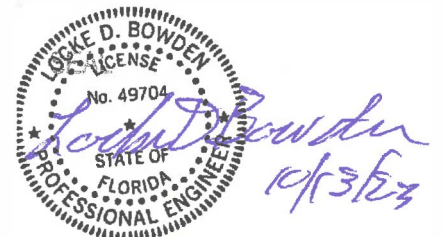
1. Under-lyment to be compliance with Current Florida Building Code (FBC) see Chart 1507
2. Minimum slope to be compliant with Florida Building Code, and per with Manufacturer's installation reference.
3. Products are compliant with State of Florida product approval per Rule 61G20-3. Compliance Method: 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 Current/FBC ~ Chapter 22 Steel, Chapter 23 Wood and Chapter 16 Structural Loading.

This report does not imply warranty, installation, recommended product use outside of this report.

**Certificate of Independence:**

Locke Bowden, P.E. does not have, nor will acquire a financial interest in any company manufacturing or distributing products under this evaluation.

Locke Bowden, P.E. is not owned, operated, or controlled by any company, manufacturer, or distributing products under this report. SEAL



Total Quality Assured.

**TEST REPORT FOR PETERSEN ALUMINUM CORPORATION**

Report No.: 15091.03-450-44-R0

Date: 10/13/20

**LOAD TABLE**

Load Table: 0.032" Aluminum Flush Panel

Span, L	Span, L	Test Result	Allowable Design Pressure with Safety Factor of 1.65	Allowable Design Pressure with Safety Factor of 2.00
1'-0"	12"	260 psf	158 psf	130 psf
1'-6"	18"		136 psf	112 psf
2'-0"	24"		114 psf	94 psf
2'-6"	30"		92 psf	76 psf
3'-0"	36"		71 psf	58 psf
3'-6"	42"		49 psf	40 psf
4'-0"	48"	45 psf	27 psf	23 psf

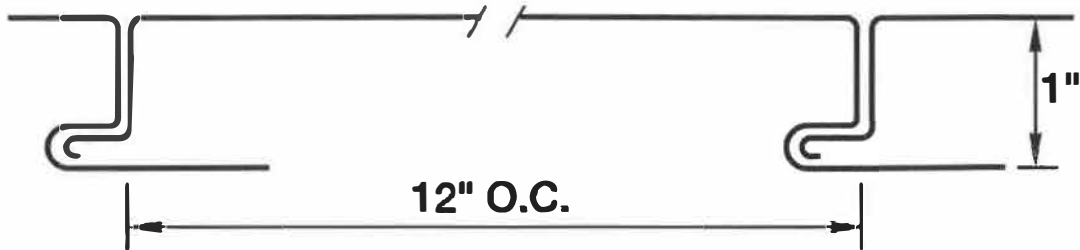
**General Notes:**

*Tested in general accordance with ASTM E 330-14, Procedure B, as negative loads (away from surface).*

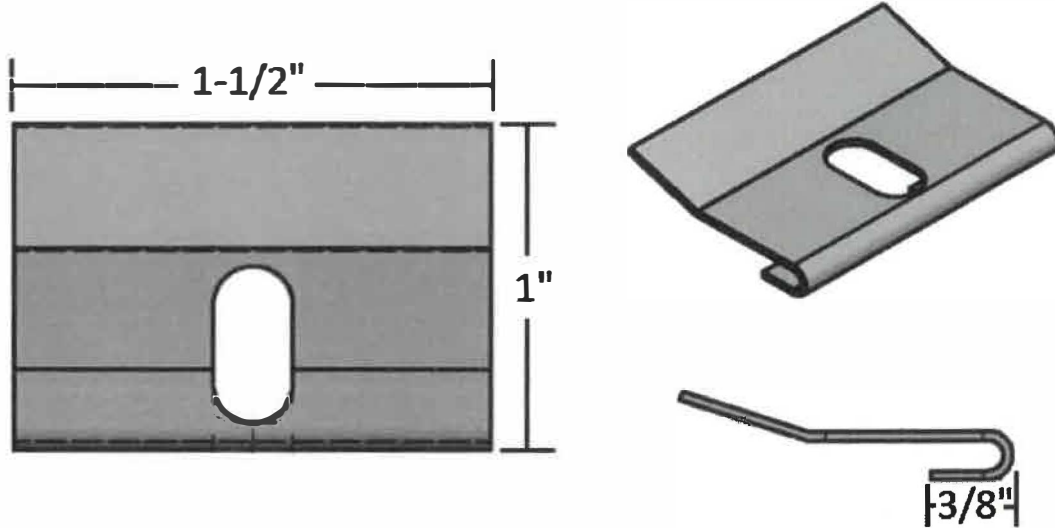
*Intermediate values based on linear interpolation from tested values.*

*Actual testing was conducted at 1'-0" and 4'-0" purlin spans with concealed clips located at each purlin.*

**Installation Details - 0.032" Aluminum Flush Panel**



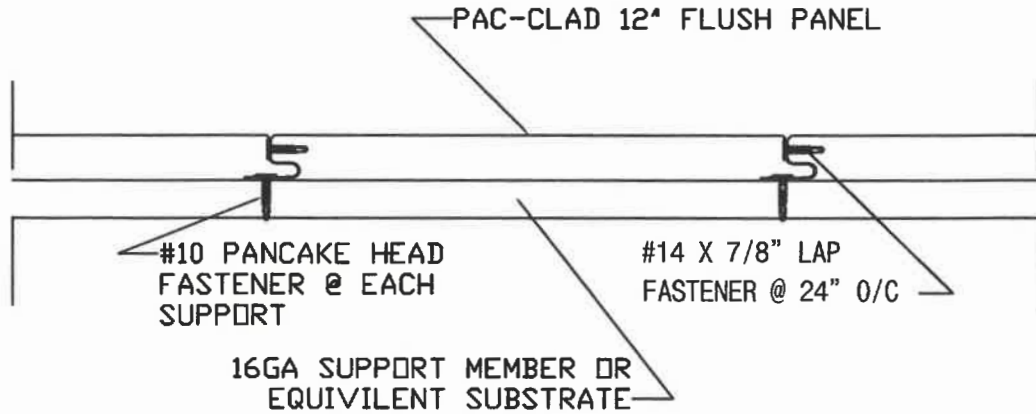
**Flush Wall Panel Profile\***



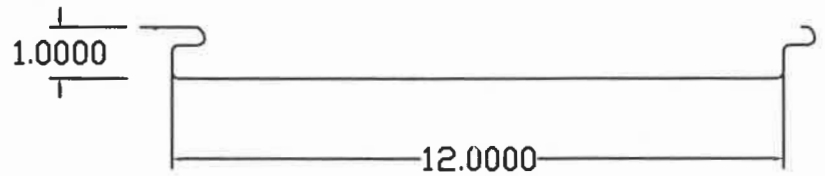
**24GA Stainless Steel Clip Detail\***

\*Details provided by Intertek Building & Construction.  
Details shown are for product as tested per Test Report No. I5091.03-450-44-R0.

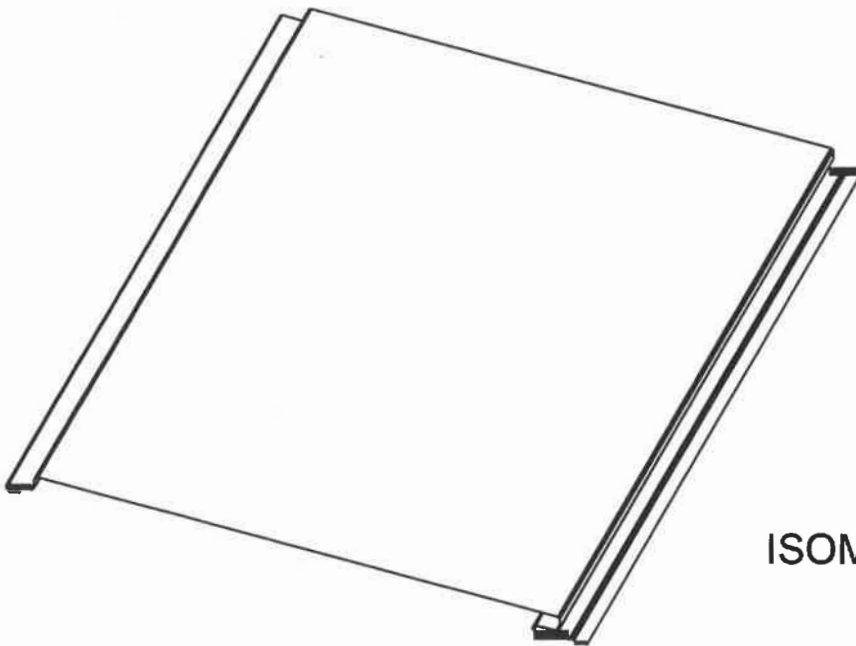
# PAC-CLAD FLUSH PANEL r.05/14



## ATTACHMENT DETAIL



## DIMENSIONS



## ISOMETRIC VIEW

\*optional pencil ribs available