

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

Florida Product Approval # 23225

Wall Panel

NON-HVHZ

Compliant with Florida Building Code 23 (8<sup>th</sup> ed.)  
Compliant with Florida Product Approval Rule # 61G20-3  
Quality Assurance Compliant

FL # 23225.8 Product: 24 GA. Reveal Panel Steel Wall Panel with concealed clips

Product: 24GA Steel Reveal wall Panel FBC Sec. 1507.4.2

Yield strength: 40ksi min

Attached to Min. 16GA metal purlins – support member or equivalent substrate secured.

Corrosion Resistant Compliant: FBC Sec. 1507.4.3

Anchor:

Panel to Metal Purlin: #10 x 5/8" Self-Drilling Pancake Screw @ 12" O.C. fastening one 24GA SS clip at each purlin

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 Reveal Panel  
X 24GA Steel Panel w/ 24GA SS clips

Support Spc./Load(psf)  
1' / -102.5 psf  
4' / -20 psf

Support Spc./Load(psf)  
1' / -124psf  
4' / -24psf

**TEST REFERENCES:**

Intertek Test No. I5091.02-450-44 R0 ASTM E330-14

Allowable Uplift Loads Margin of Safety 2:1

Allowable Uplift Loads  
Margin of Safety 1.65:1

**Limitations:**

1. Products herein this report are compliant with current Florida Building Code (FBC)2023 8TH ed.
2. Install in compliance with Florida Building Code 2023 8th ed., and Install per with Manufacturer's installation reference.
3. Products are compliant for State of Florida product approval per Rule 61G20-3. Compliance Method: 1-D
4. Engineering analysis for "project specific project approval" to determine appropriate wind safety factors, is allowed by other Florida licensed 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 for Wood and Chapter 16 for Structural Loading.
7. This report does not imply warranty, installation, recommended product use outside of this report.

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**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 manufacturing or distributing products under this report.





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**TEST REPORT FOR PETERSEN ALUMINUM CORPORATION**

Report No.: 15091.02-450-44-R0

Date: 07/27/18

SECTION 8

**LOAD TABLE**

**Load Table: 24 Ga Steel Reveal 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"	205 psf	124 psf	103 psf
1'-6"	18"		108 psf	89 psf
2'-0"	24"		91 psf	75 psf
2'-6"	30"		74 psf	61 psf
3'-0"	36"		58 psf	48 psf
3'-6"	42"		41 psf	34 psf
4'-0"	48"	40 psf	24 psf	20 psf

**General Notes:**

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

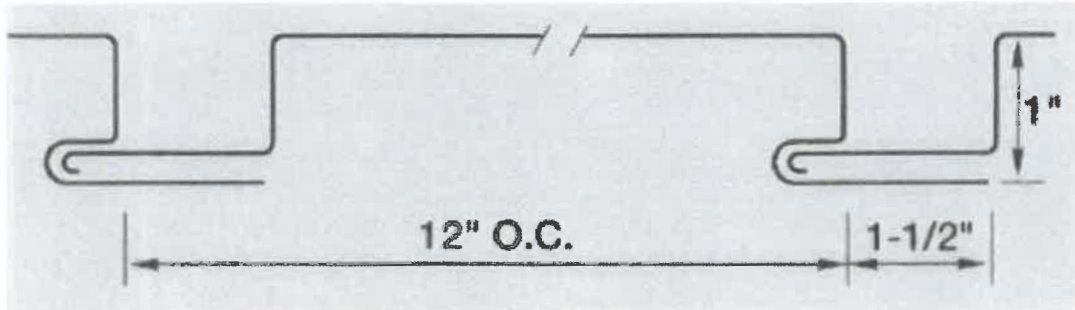
*Intermediate values based on linear interpolation from tested values.*

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

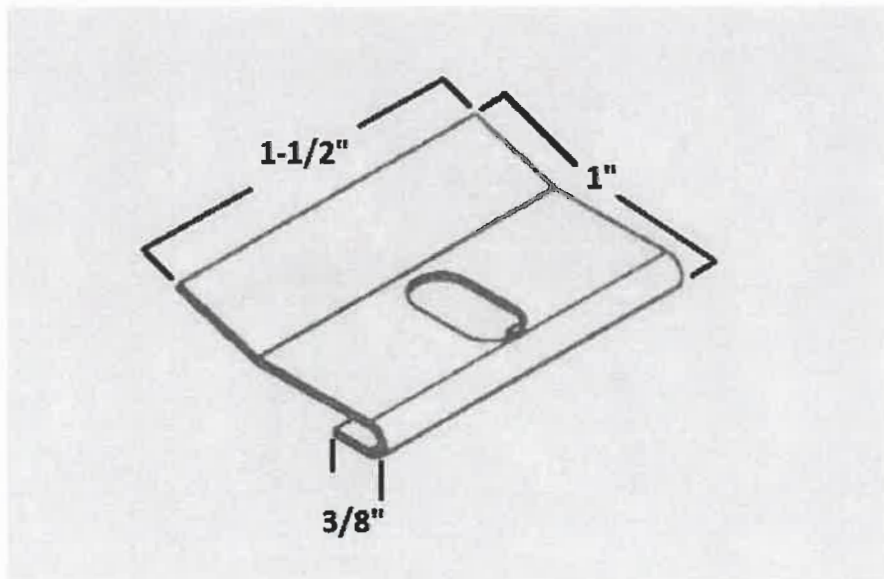
SEAL



### Installation Details - 24GA Steel Reveal Panel



### Reveal 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. I5091.02-450-44-R0.