

Order Plans @ www.LDILine.com

**PAC-CLAD**  
 Manufacturer: Peterson Aluminum Corporation  
 101 Northport Parkway  
 Building 106  
 Acworth, GA 30102  
 (800) 272-4482

Florida Product Approval #21137 Soffit Panels NON-FRUIT

Compliant with Florida Building Code 2017 (6th ed.) FBC 2017 Sec. 1709.10, Sec. 1404.5, Sec. 1405.2, 1405.11  
 Compliant with Florida Product Approval Rule # 61G20-3  
 Compliant Quality Assurance Program: UL LLC

12" wide x 0.040" Aluminum Soffit Panel

Attached to 16GA support member or equivalent substrate secured with fasteners through the long lap leg, and side lap stitch fasteners in vertical legs. FBC Sec. 1405.11.1 & 2 Corrosion Resistant, additional requirement of (4) fasteners if the area supported exceeds (4) square feet. Panels are 12" wide with 1" right angle vertical legs, configured with nesting capabilities. Corrosion Resistant Fasteners #10 x 1" Pancake Head, galvanized or stainless, fastened at each support to 16 GA Zeebar substrate or equivalent, #14 x 7/8" lap fastener at 24" o.c. No pressure equalization factors have been used in analysis and panel may be used as a wall panel. Applicable load tables included from testing and Peterson Aluminum Corporation.

MATERIAL:	8021 ALUM	2603 ALUM	3003 ALUM	3004 ALUM	3005 ALUM	3005 ALUM	3005 ALUM	3005 ALUM	3005 ALUM
PANEL SPANS:	12"	12"	12"	12"	12"	12"	12"	12"	12"
ULTIMATE PSF LOAD/2.0 SAFETY FACTOR*	24/40	50/25	230/115	80/40	155/82.5	100/50	210/105	140/70	140/70

Limitations and Conditions of Use:  
 1. Products herein this report are compliant with current Florida Building Code (FBC) 2017 6th ed.  
 2. Install in compliance with FBC 2017, install per Manufacturer's Installation reference.  
 3. Product 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 compliant w/FBC 2017 6th ed., Chapter 23 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.

Test References:  
 Penetration Testing Lab TST 1657 Test # 7584-A ASTM 1592-05(2012)  
 EQUIVALENCY: ASTM E 1592-05, test standards are equivalent to ASTM E 1592-2012 test standards

Certificate of Independence:  
 Locke Bowden, P.E. does not have, nor will acquire a financial interest in any company, organization or individual or distributing products under this evaluation.  
 Locke Bowden, P.E. is not owned, operated, or controlled by any company, organization or individual or distributing products under this report.

**FTL Penetration Testing Laboratory, Inc.**  
 Quality Assurance  
 4525 NW 73rd Avenue, Suite 100, Fort Lauderdale, FL 33309 Phone: (954) 981-2228 Fax: (954) 981-2227  
 www.ftl.com

Certificate Number: 1511657  
 Report Label: 1/8/2014  
 Completion Date: 12/23/2014  
 Edge Action Date: 12/23/2014  
 Lab Number: 7584  
 Project Number: 13-4856

OFFICIAL TEST REPORT

Aluminum Flush Panel  
 12" wide by 0.040" thick

Panel Span:	ft.	in.	Test	Allowed
1.00	12	290	176	
1.50	18	290	160	
2.00	24	290	144	
2.50	30	290	128	
3.00	36	290	112	
3.50	42	290	96	
4.00	48	290	80	

Design Load Safety Factor of 2.0

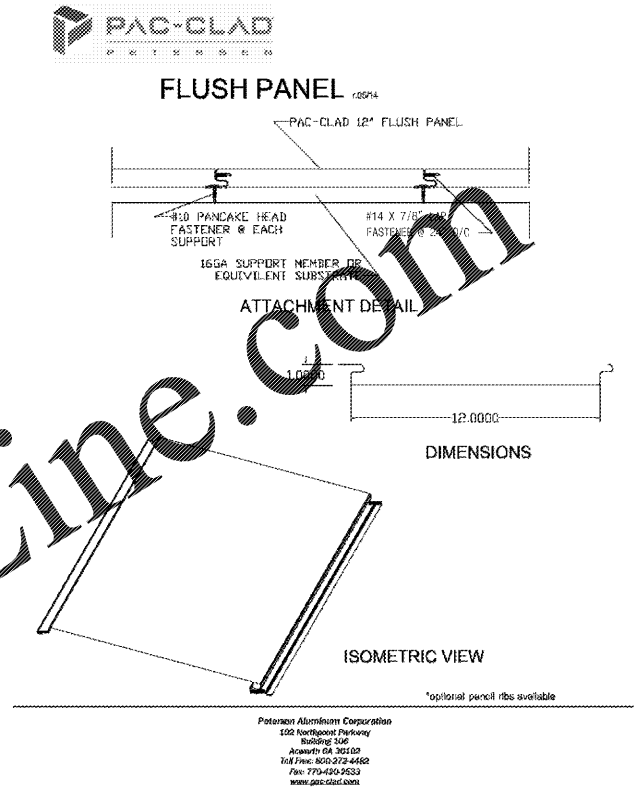
Aluminum Flush Panel  
 12" wide by 0.040" thick

Panel Span:	ft.	in.	Test	Allowed
1.00	12	290	145	
1.50	18	290	132	
2.00	24	290	119	
2.50	30	290	106	
3.00	36	290	93	
3.50	42	290	79	
4.00	48	290	66	

Design Load Safety Factor of 2.0

NOTES:  
 1. Tested in accordance with ASTM E 1592-05 Air Bag testing, negative uplift.  
 2. Intermediate values based on linear interpolation from tested values.  
 3. Actual testing conducted at 1'-0" and 4'-0" spacing.

Page 8 of 17



Peterson Aluminum Corporation  
 101 Northport Parkway  
 Building 106  
 Acworth GA 30102  
 Tel: 800.272.4482 Fax: 770.430.2633  
 www.pac-clad.com

**FleischmanGarcia**

REGISTERED PROFESSIONAL ENGINEER  
 25 HYPER PARK AVENUE, SUITE 300  
 FORT LAUDERDALE, FLORIDA 33309  
 PHONE (954) 342-9991  
 FAX (954) 342-9925  
 REGISTRATION NUMBER: EA 000121

**Pasco County  
 Fire & Rescue Station  
 No. 42  
 Hudson, Florida**

THIS DESIGN AND DRAWING IS THE SOLE PROPERTY OF FLEISCHMANGARCIA AND SHALL NOT BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF FLEISCHMANGARCIA.

I CERTIFY TO THE BEST OF MY KNOWLEDGE THAT THESE DRAWINGS COMPLY WITH ALL RELEVANT BUILDING CODES.

JOHN KELLY  
 AR0008749  
 03-12-20

FGA PROJECT NUMBER  
 19028

ISSUE DATE  
 03-12-20

SHEET NUMBER  
 PA-10

PRODUCT APPROVAL - SOFFIT

A1  
 NTS