

Locke Bowden, P.E.  
 9450 Alysbery Place  
 Montgomery, AL 36117

Dixieland Metals of Alabama  
 378 Eastland Road  
 Dothan, AL 36304

FL 5375

**Quality Assurance Program:** PRI Category: Structural Components **Sub-Category:** Structural Wall  
**Code:** FBC 2017 6<sup>th</sup> ed.; **Sections:** 1709.2 **Method** 2-B

Description	Substrate	Design Uplift Pressure*		Fasteners
<b>PBR 26GA Wall</b> Open Framing 36" width 80 ksi Non-HVHZ	16GA steel framing Must be designed in compliance w/FBC 2017.	-47.5 psf fastening pattern 12"-12"-12" @ 5'-0" o.c. *	1-1/4" tall rib at 12" o.c. thru fastened	Corrosion resistant: #12-14 HWH SD with sealing washer or approved equal at 12"-12"-12" fastener pattern. Panel side laps fastened with ¼-14 x 7/8" HWH SD with sealing washer at 20" o.c. Paint finish optional. Insulation, manufacturer's approved product (Optional) Install per manufacturers details and in compliance with FBC 2017.
		Panel ends fastening: 5"-7"-5"-7"-5"-7"		
		For +60.0 psf fasten 12"-12"-12" @ 5'-0" o.c.*		

\*Design Pressures includes safety factor-2.1

**References**

Entity	Report #	Standard	Year
Force Engineering & Testing (TST-5328)	#92-0348T-06H, I	ASTM E 1592-05	(2012 <sup>1</sup> )

1. ASTM E 1592-01, 05 test standards are equivalent to ASTM E 1592-12.

**Limitations:**

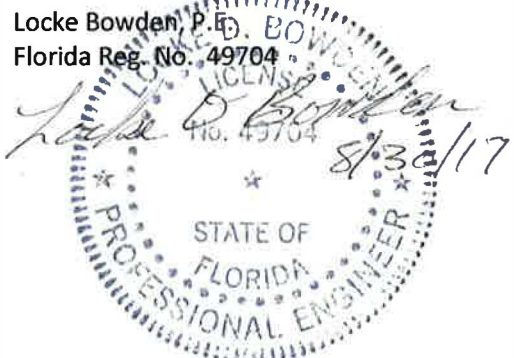
1. Underlayment to be compliance with current Florida Building Code 2017 6<sup>th</sup> ed., Section 1507.1.1
2. Minimum slope to be in compliance with Florida Building Code 2017 6<sup>th</sup> ed., and in accordance with Manufacturer's installation references.
3. Products are compliant for State of Florida product approval per Rule 61G20-3
4. Fire classification is not part of this acceptance. Shear diaphragm values are outside this report.
5. All support framing to be in compliance with Florida Building Code 2017, Chapter 22 for Steel, Chapter 23 for Wood and Chapter 16 for Structural Loading.
6. Engineer must evaluate the wall panel attachment to substrate for fastener pullout/pullover per AISI Specifications.
7. This report does not imply warranty, installation, recommended product use outside of this report.

**Compliance Statement:** These products herein evaluated by Locke Bowden, P.E. have demonstrated compliance with the Florida Building Code 2017 with referenced documents submitted.

**Certificate of Independence**

Locke Bowden, P.E. does not have, not 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.



Installation Details

