

Compliant with CURRENT Florida Building Code FBC 2023 8TH ed.

Compliant with Florida Product Approval Rule # 61G20-3

Quality Assurance Compliant: UL LLC

Product: PBR 26GA Wall Panel - Structural Application

Yield strength: 80 ksi min. 36" Coverage 1-1/4" tall rib at 12" o.c. Substrate:

16GA Steel Framing, designed in compliance with CURRENT FBC 2023 8th ed.

Corrosion Resistant Fastener #12-14 HWH SD with sealing washer or approved equal at 12" – 12" – 12" fastener pattern for interior supports.

Panel side laps fastened with 1/4"-14 x 7/8" TCP 1 with sealing washer at 20" o.c.

Continuous tape seal for slopes less than 3:12. Slope must be in compliance with CURRENT FBC . Install Details: Table A Allowable Loads

Design Pressure Margin of safety 2:1

METHOD 1

METHOD 2

*Design Pressure	Fastening Pattern	Fastener Spacing
-47.5 PSF	12"- 12"- 12"	@ 5'- 0"o.c.
+60.0 PSF	12"- 12"- 12"	@ 5'- 0"o.c.

Reference Data:

Force Engineering & Testing (TST-5328) 194-0338T-06 A, B ASTM E 1592-01¹

1. ASTM E 1592-01 test standard is equivalent to ASTM E 1592-17 test standard.

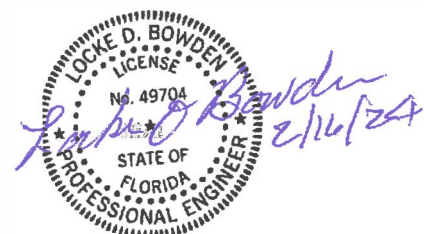
Limitations:

- 1.Underlayment to be compliance with current Florida Building Code . Chart 1507.
- 2.Minimum slope to be compliant with current Florida Building Code , and 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 approval by local authority 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 with current FBC , Chapter 22 Steel, and Chapter 16 Structural Loading.
- 7.This report does not imply warranty, installation, recommended product use outside of this report.

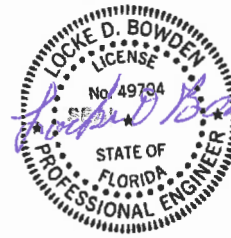
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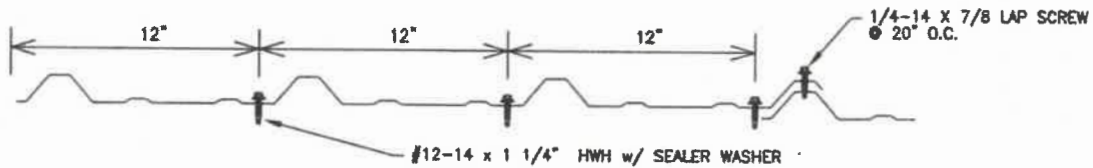


FL 15145 PBR Wall Detail

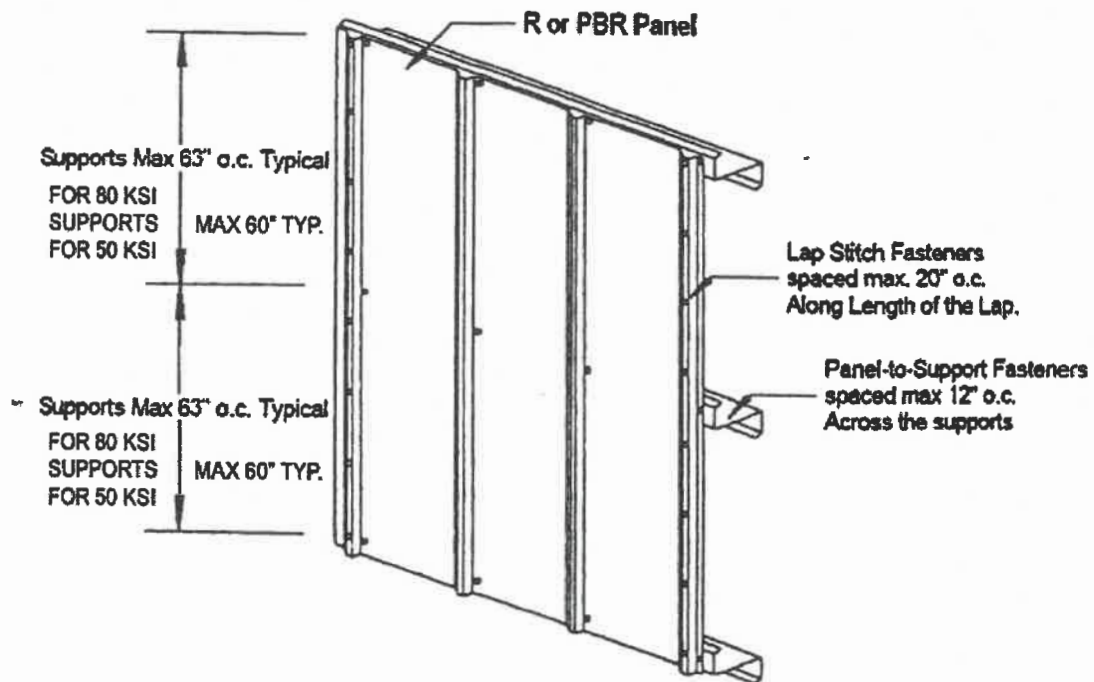


Marlyn Metals Wall Panel Detail

PBR Panel Profile



PBR Wall Panel Fastening



<http://www.marlynmetalsinc.com/catalog/PBRFast.pdf>