

P.O. Box 2037
Valdosta, GA. 31604
(229) 539-4014

Florida Product Approval 41805

Category: Roof Deck Panel

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

with Florida Product Approval Rule # 61G20-3

Compliant Quality Assurance Program: PRI Construction Materials Technologies

FL 41805.1 Product: Min. 26GA PBR ROOF DECK PANEL OVER 16 GA. STEEL FRAMING

NON-HVHZ

Compliant with CURRENT Florida Building Code 2023 8th ed.

Compliant with Florida Product Approval Rule #61G20-3

Compliant: Keystone Certifications

Product: PBR 26GA Steel Roof Panel CURRENT FBC

Yield strength: 80 ksi min.

36" Coverage

Rib Height 1-1/4" tall @ 12" o.c.

Substrate: 16GA steel framing; structural application designed in compliance with FBC

Corrosion Resistant Fastener #12-14 HWM SD with sealing washer or approved equal at 12"-12"-12" fastener pattern for interior supports. Panel side laps fastened with X-14 x 7/8" HWD SD with sealing washer at 20" o.c. Continuous tape seal for slopes less than 3:12.

Install Details: Table A	Allowable Loads	METHOD 1	METHOD 2
DESIGN PRESSURE ^a		-40.0 PSF	+50.0 PSF
FASTENER PATTERN		12"-12"-12"	12"-12"-12"
FASTENER SPACING		@ 5'-0" o.c.	@ 5'-0" o.c.

Reference Data: Baker Metal Works Authorizes use of Test Reports

Reference Data: Force Engineering & Testing (TST-5328)

#234-0273T-07 A, B

ASTM E 1592-01 (2012¹)

#234-0049-11 A

FM 4471-95 (1992²)

1. ASTM E 1592-01, 05 is equivalent to test standard ASTM E 1592-17

2. FM 4471-95 is equivalent to test standard FM 4471-92

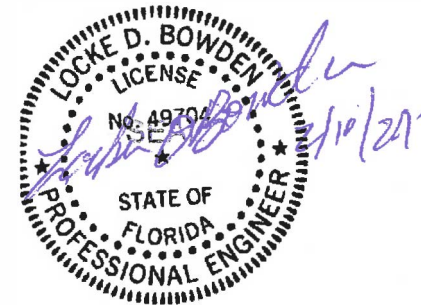
Limitations:

- Under-layment to be compliance with Current Florida Building Code (FBC) 2023 8th ed. see Chart 1507
- Minimum slope to be compliant with Current Florida Building Code 2023 8th ed., and per with Manufacturer's installation reference.
- Products are compliant with State of Florida product approval per Rule 61G20-3. Compliance Method: 1-D
- Engineering analysis for "project specific approval by local authorities w/jurisdiction is allowed by other registered engineers.
- Fire classification is not part of this acceptance. Shear diaphragm values are outside this report. Support framing in compliance w/FBC 2023 8th ed., Chapter 22 Steel, Chapter 23 Wood and Chapter 16 Structural Loading.
- Support framing in compliance w/FBC 2023 8th ed., Chapter 22 for steel, Chapter 23 for wood, Chapter 16 for structural Loading.
- This report does not imply warranty, installation, recommended product use outside of this report

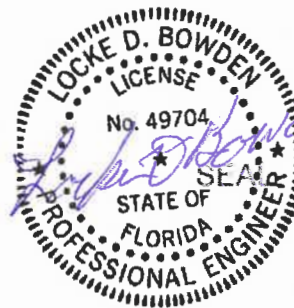
Certificate of Independence:

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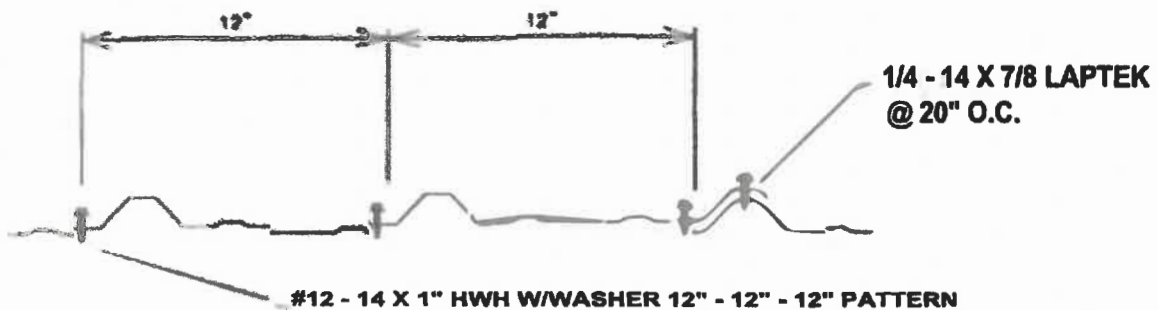


**ALPHA METAL PANELS
PBR ROOF DECK
Installation Details**

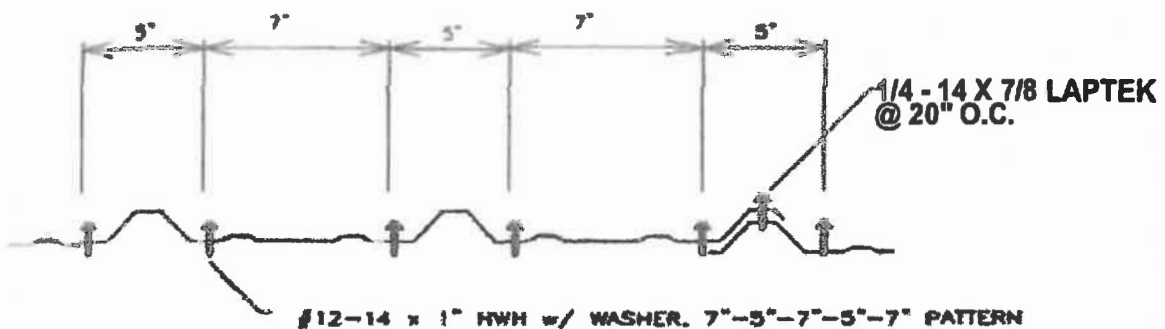


**ALPHA METAL PANELS - Installation
Details Sub-Category: ROOF DECK**

PBR PANEL DETAILS-NON HVHZ



FASTENER PATTERN FOR INTERIOR SUPPORTS



FASTENER PATTERN FOR PANEL END AND PANEL END LAPS