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COMPLIANT WITH ASCE 7-22

Florida Product Approval - FL 47843

Sub-Category: Metal Roofing

Method: 1-D

Compliant with Florida Building Code 2023
Compliant with Florida Product Approval Rule # 61620-3

Compliant Quality Assurance Program: PRI

FBC Sections: 1504, 1506, 1507, 1507, 1517, 1518, 1518

FL 47843.1

26 GA LOW RIB PANEL OVER 7/16" OSB

NON-HVHZ

26 GA. Galvalume Panel - 36" Wide - Grade 80 KSI Metal - Over min 7/16" OSB Sheathing - Supports at max 24" o.c.
Spacing - Rib Height 3/4" tall - Panels secured using #9 X 1-1/2" HWH screws w/weather seal washer spaced 12" o.c. on both sides of each rib and #10 X 1-1/4" pancake head fasteners used at perimeter spaced 2" o.c. - Underlayment min 30# asphalt felt paper w/4" overlap at adjacent sheets secured to OSB w/0.120 X 1-1/4" galvanized ring shank roofing nails w/32GA. Tin Caps spaced 6" o.c. at perimeter and overlaps w/2 intermediate rows w/nails spaced 6" o.c.

Design Pressure	Spacing	Fastener Pattern
- 116 psf	12"o.c.	7.5"- 1.5"- 7.5"- 1.5"- 7.5"- 1.5"- 7.5"- 1.5"

FL 47843.2

29 GA LOW RIB PANEL OVER 7/16" OSB

NON-HVHZ

29 GA. Galvalume Panel - 36" Wide - Grade 80 KSI Metal - Over min 7/16" OSB Sheathing - Supports at max 24" o.c.
Spacing - Rib Height 3/4" tall - Panels secured using #9 X 1-1/2" HWH screws w/weather seal washer spaced 12" o.c. on both sides of each rib and #10 X 1-1/4" pancake head fasteners used at perimeter spaced 2" o.c. - Underlayment min 30# asphalt felt paper w/4" overlap at adjacent sheets secured to OSB w/0.120 X 1-1/4" galvanized ring shank roofing nails w/32GA. Tin Caps spaced 6" o.c. at perimeter and overlaps w/2 intermediate rows w/nails spaced 6" o.c.

Design Pressure	Spacing	Fastener Pattern
- 93.5 psf	12"o.c.	7.5"- 1.5"- 7.5"- 1.5"- 7.5"- 1.5"- 7.5"- 1.5"

Reference Data:

INTERTEK - REPORT NO: S2919.02-450-44 RO

UL 580, Standard for safety, Tests for Uplift Resistance of Roof Assemblies, Underwriters Laboratories, Inc. (Fifth Edition November 2, 2006, revised through July 9, 2009)

UL 1897, Uplift Tests for Roof Covering Systems, Underwriters Laboratories, Inc. (Seventh Edition September 23, 2015)

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.

Limitations:

1. Underlayment to be compliance with current Florida Building Code (FBC)2023. see Chart 1507.
2. Minimum slope to be compliant with Florida Building Code 2023 and per with Manufacturer's Installation reference.
3. Products are compliant with State of Florida product approval per Rule 61G20-3. Compliance Method: 1-D
4. Engineering analysis for "project specific approval by local authorities 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 w/FBC 2023, Chapter 22 Steel, Chapter 23 Wood and Chapter 16 Structural Loading.
7. This report does not imply warranty, installation, recommended product use outside of this report.

INSTALL DETAILS**26 GA. & 29 GA. LOW RIB PANEL**