

Product Report**Manufacturer: Discount Direct Metal Roofing****9163 New Berlin Road****Jacksonville, FL 32226****(904) 696-9700****Florida Product Approval #13613****Sub-Category: Metal Roofing****Method: 1-D****Compliant with Florida Building Code 2026 (9th ed.) ASCE 7-22****Compliant with Florida Product Approval Rule # 61G20-3****Quality Assurance Program Compliant****FBC Sections: 1504, 1507****FL 13613 Min. 29GA OR 26GA Plus Rib Roof Panel over Min. 15/32" APA Plywood****Non-HVHZ**

36" Wide **3/4" major rib @ 9" o.c.** **Yield Strength: Min. 80ksi** **Paint Finish: Valspar Fluropon® Coating (optional)**
Fastener: #10 HWH Kwikseal II Woodbinder® w/ sealing washer or approved equal; with a 3/4" min. penetration through plywood substrate. FASTENERS SHALL BE Corrosion resistance in compliance w/ FBC 2026. section 1711. this evaluation does not cover sec. 1504.3.1.1 of the FBC 2026 9th ed. and may be met by the use of other approved products.
Roofing panel fastener to penetrate through 3/4" of min. 15/32" thick APA Rated Plywood; 1x4, No. 2 SYP wood purlins (optional) shall be fastened to the plywood w/ min. 8D x 2 1/2" ring shank nails @ 4" o.c. spacing max into plywood decking. Design of substrates and supports are outside the scope of this product evaluation.

Product: through fastened roof panel over wood purlins (optional) over max. one layer of asphalt shingles (optional) must fasten thru to min. 15/32" APA Plywood decking. Install in compliance w/ FBC 2026 and per manufacturer's installation instructions.

Underlayment: See Table 1507.1.1**Fire Barrier: Any approved fire barrier. Fire classification is not part of this report.****Slope: For slopes less than 3:12, lap sealant must be used in the panel side laps; in accordance with FBC 2026.**

**Design Pressure:	Fastener Spacing:
-84.25 PSF	2'-0" O.C.

****DESIGN PRESSURE INCLUDES A SAFETY MARGIN OF 2:1**

	Reference Data:	
Force Engineering & Testing (TST-5328)	126-0350T-06B	UL 580-94¹/ 1897-98²
Force Engineering & Testing (TST-5328)	126-0153T-10	FM 4471-95³
PRI Construction Materials Technologies (TST-5878)	VLS-004-02-01/VLS-005-02-01	TAS 110-00
1. UL 580-94 test standard is equivalent to the UL 580-06 test standard.		
2. UL 1897-98 test standard is equivalent to the UL 1897-12 test standard.		
3. FM 4471-95 test standard is equivalent to the FM 4471-92 test standard.		

Limitations:

1. Underlayment to be compliance with current Florida Building Code (FBC)2026 9TH ed.. see Chart 1507.1.1
2. Minimum slope to be compliant with Florida Building Code 2026 9th ed., 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 2026 9th ed., 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.

Certificate of Independence:

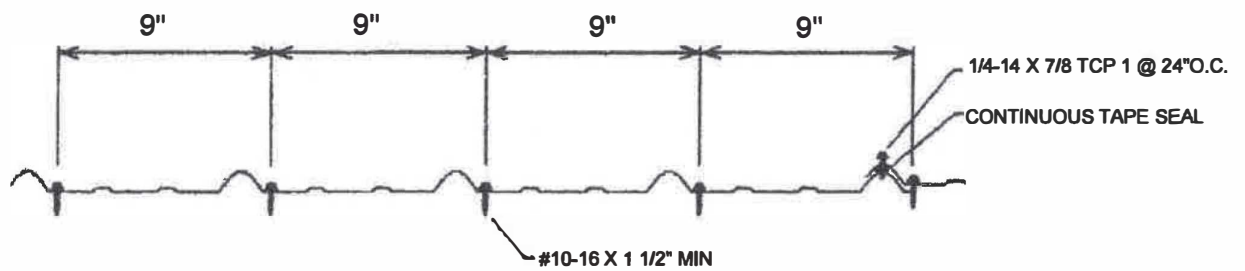
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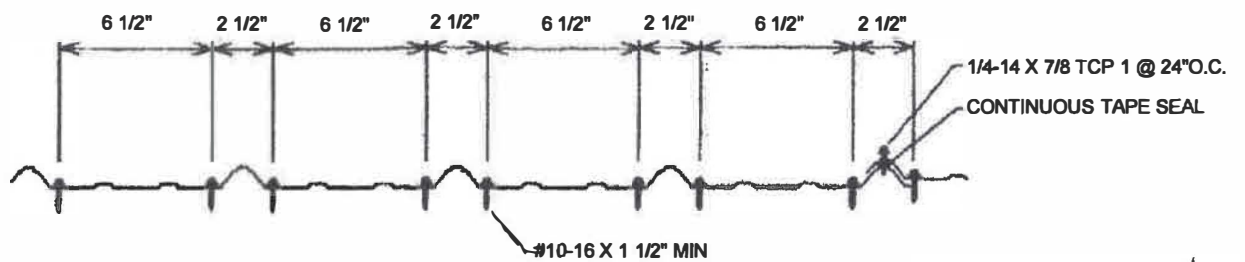
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FL 13613 Discount Direct

Min. 29GA or 26GA Rib Panel



STANDARD FASTENER PATTERN



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LOCKE D. BOWDEN
LICENSE
No. 49704
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Bowden
8/3/24

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