

Force Engineering & Testing

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Compliance Statement:

The product as described in this report has demonstrated compliance with the Florida Building Code 2020, Sections 1504.3.2, 1504.7.

Product Description:

Ultra-Rib Roof Panel, Min. 29 Ga. Steel, 36" Wide, through fastened roof panel over 1x4 wood purlins over 15/32" APA Plywood decking. Non-structural Application.

Panel Material/Standards:

Material: Min. 29 Ga. Steel conforming to Florida Building Code 2020 Section 1507.4.3.

Yield Strength: Min. 80.0 ksi

Corrosion Resistance: Panel Material shall comply with Florida Building Code 2020, Section 1507.4.3.

Panel Dimension(s):

Thickness: 0.014" min.

Width: 36" maximum coverage

Rib Height: 3/4" major rib at 9" O.C.

Panel Fastener:

#9-15 x 1-1/2" HWH Woodgrip with sealing washing or approved equal
1/4" minimum penetration through plywood

Corrosion Resistance: Per Florida Building Code 2020, Section 1507.4.4.

Substrate Description:

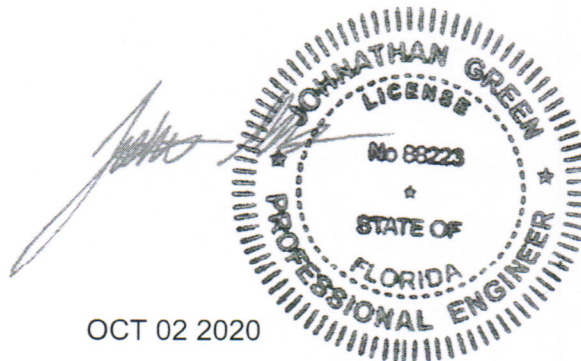
Min. 1x4 No. 2 SYP wood purlins over min. 15/32" thick, APA Rated plywood over supports at maximum 24" O.C. The 1x4 wood purlins shall be fastened through the plywood into the wood rafters with minimum (2) 8x3" Deck screw at a maximum of 24" O.C. Design of 1x4 wood purlins, plywood and plywood supports are outside the scope of this evaluation. Substrate must be designed in accordance w/ Florida Building Code 2020.

Allowable Design Uplift Pressures:

Table "A"

Maximum Total Uplift Design Pressure:	93.5 psf	138.5 psf
Fastener Pattern:	9"-9"-9"-9"	6"-3"-6"-3"-6"-3"-6"
Fastener Spacing:	24" O.C.	24" O.C.

*Design Pressure includes a Safety Factor = 2.0.



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