## **Metal Sales**

## 5V-Crimp on 7/16" OSB

## Roof Fastener Spacing (feet)

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Wind Speed (mph) Exposure Category	Roof Slope:   0.5:12 to 1.47:12     zone 1'   zone 1   zone 2	zone 3	Roof Slope:   1.48:12 to 6.11:12     zone 1   zone 2   zone 3	Roof Slope:   6.12:12 to 12:12     zone 1   zone 2   zone 3
100C	Thickness   -13.4 psf   -23.6 psf   -31.3 psf     26 ga   3.00   3.00   2.75	-42.9 psf 2.00	-27.5 psf -36.5 psf -48 psf 3.00 2.25 1.75	-24.9 psf -27.5 psf -42.9 psf 3.00 3.00 2.00
120C	zone 1'   zone 1   zone 2     Thickness   -19.5 psf   -34.2 psf   -45.3 psf     26 qa   3.00   2.50   1.75	zone 3 -61.9 psf 1.25	zone 1   zone 2   zone 3     -39.8 psf   -52.7 psf   -69.3 psf     2.25   1.50   1.25	zone 1   zone 2   zone 3     -36.1 psf   -39.8 psf   -61.9 psf     2.25   2.25   1.25
140C	zone 1'   zone 1   zone 2     Thickness   -26.7 psf   -46.8 psf   -61.9 psf     26 ga   3.00   1.75   1.25	zone 3 -84.5 psf 1.00	zone 1   zone 2   zone 3     -54.3 psf   -71.9 psf   -94.5 psf     1.50   1.25   0.75	zone 1   zone 2   zone 3     -49.3 psf   -54.3 psf   -84.5 psf     1.75   1.50   1.00
160C	zone 1'   zone 1   zone 2     Thickness   -35 psf   -61.3 psf   -80.9 psf     26 qa   2.50   1.25   1.00	zone 3 -110.5 psf 0.75	zone 1   zone 2   zone 3     -71.1 psf   -94.1 psf   -123.6 psf     1.25   0.75   0.50	zone 1   zone 2   zone 3     -64.5 psf   -71.1 psf   -110.5 psf     1.25   1.25   0.75
180C	zone 1'   zone 1   zone 2     Thickness   -44.4 psf   -77.6 psf   -102.6 psf     26 ga   2.00   1.00   0.75	zone 3 -140 psf 0.50	zone 1   zone 2   zone 3     -90.1 psf   -119.2 psf   -156.6 psf     0.75   0.75   0.50	zone 1   zone 2   zone 3     -81.8 psf   -90.1 psf   -140 psf     1.00   0.75   0.50
200C	zone 1'   zone 1   zone 2     Thickness   -54.9 psf   -96 psf   -126.7 psf     26 ga   1.50   0.75   0.50	zone 3 -172.9 psf 0.50	zone 1 zone 2 zone 3 -111.4 psf -147.3 psf -193.4 psf 0.75 0.50 0.25*	zone 1   zone 2   zone 3     -101.1 psf   -111.4 psf   -172.9 psf     0.75   0.75   0.50
220C	zone 1'   zone 1   zone 2     Thickness   -66.6 psf   -116.2 psf   -153.5 psf     26 ga   1.25   0.75   0.50	zone 3 -209.3 psf 0.25*	zone 1 zone 2 zone 3 -134.8 psf -178.3 psf -234.2 psf N.G. N.G. N.G. N.G.	zone 1   zone 2   zone 3     -122.4 psf   -134.8 psf   -209.3 psf     0.50   0.50   0.25*
240C	zone 1'   zone 1   zone 2     Thickness   -79.3 psf   -138.4 psf   -182.7 psf     26 ga   N.G.   N.G.   N.G.	zone 3 -249.2 psf N.G.	zone 1 zone 2 zone 3 -160.6 psf -212.3 psf -278.8 psf N.G. N.G. N.G.	zone 1 zone 2 zone 3 -145.8 psf -160.6 psf -249.2 psf N.G. N.G. N.G. N.G.
Notes:   1. Allowable spacing is based on a Design Pressures listed in the FBC 2023 Approval, FL14645.3 and determined by interpolation of those values. 1/3 increase is not included for wind. The fasteners and fastening patterns are shown in the Approval.   2. Allowable spacing is based on an applied load determined using ASCE 7-22 for the Wind Speeds, Wind Exposure Categories, " Roof Slopes, and Roof Zones shown, assuming 10 square feet tributary area, Enclosed Gable Roof, 3 or more equal span case, Topographic Factor of 1 and Mean Roof Height of 30 feet. Tornado Loads are not considered. 0.6h   3. Allowable spacing is determined for wind suction using the pressures shown, resulting from the combination 0.6DL + 0.6W. Also considered is the inward wind pressure, 20 psf live load and the weight of the panel. 0.6h				
* - Indicates that			Roof Slope: < 1.47:12	Roof Slope: 1.48:12 to 12:12