Metal Sales or

R-Panel on 15/32" Plywood

Roof Fastener Spacing (feet)

Wind Speed (mph)	Roof Slope: 0.5:12 to 1.47:12		Roof Slope: 1.48:12 to 6.11:12	Roof Slope: 6.12:12 to 12:12
Exposure Category	zone 1' zone 1 zone 2 Thickness -13.4 psf -23.6 psf -31.3 psf 26 ga 4.00 4.00 3.75	zone 3 -42.9 psf 2.75	zone 1 zone 2 zone 3 -27.5 psf -36.5 psf -48 psf 4.00 3.25 2.50	zone 1zone 2zone 3-24.9 psf-27.5 psf-42.9 psf4.004.002.75
	zone 1' zone 1 zone 2	zone 3	zone 1 zone 2 zone 3	zone 1 zone 2 zone 3
110C	Thickness -16.3 psf -28.7 psf -38 psf 26 qa 4.00 4.00 3.00	-52 psf 2.25	-33.3 psf -44.2 psf -58.2 psf 3.50 2.50 2.00	-30.2 psf -33.3 psf -52 psf 3.75 3.50 2.25
	zone 1' zone 1 zone 2 Thickness -19.5 psf -34.2 psf -45.3 psf	zone 3 -61.9 psf	zone 1 zone 2 zone 3 -39.8 psf -52.7 psf -69.3 psf	zone 1 zone 2 zone 3 -36.1 psf -39.8 psf -61.9 psf
120C	26 ga 4.00 3.50 2.50	1.75	3.00 2.25 1.50	3.25 3.00 1.75
	zone 1' zone 1 zone 2 Thickness -22.9 psf -40.3 psf -53.3 psf 26 ga 4.00 2.75 2.25	zone 3 -72.8 psf 1.50	zone 1zone 2zone 3-46.8 psf-61.9 psf-81.4 psf2.501.751.25	zone 1 zone 2 zone 3 -42.4 psf -46.8 psf -72.8 psf 2.75 2.50 1.50
130C	20 ya 4.00 2.75 2.25	1.30	2.30 1.75 1.25	2.75 2.50 1.50
	zone 1' zone 1 zone 2 Thickness -26.7 psf -46.8 psf -61.9 psf	zone 3 -84.5 psf	zone 1 zone 2 zone 3 -54.3 psf -71.9 psf -94.5 psf	zone 1 zone 2 zone 3 -49.3 psf -54.3 psf -84.5 psf
140C	26 ga 4.00 2.50 1.75	1.25	2.00 1.50 1.25	2.25 2.00 1.25
	zone 1' zone 1 zone 2 Thickness -30.7 psf -53.8 psf -71.1 psf	zone 3 -97 psf	zone 1 zone 2 zone 3 -62.4 psf -82.6 psf -108.6 psf	zone 1 zone 2 zone 3 -56.6 psf -62.4 psf -97 psf
150C	26 ga 3.75 2.00 1.50	1.00	1.75 1.25 1.00	2.00 1.75 1.00
	zone 1' zone 1 zone 2	zone 3	zone 1 zone 2 zone 3	zone 1 zone 2 zone 3
160C	Thickness -35 psf -61.2 psf -80.9 psf 26 ga 3.25 1.75 1.25	-110.5 psf 1.00	-71.1 psf -94.1 psf -123.6 psf 1.50 1.25 0.75	-64.5 psf -71.1 psf -110.5 psf 1.75 1.50 1.00
	zone 1' zone 1 zone 2	zone 3	zone 1 zone 2 zone 3	zone 1 zone 2 zone 3
170C	Thickness -39.5 psf -69.2 psf -91.4 psf 26 ga 3.00 1.50 1.25	-124.8 psf 0.50	-80.3 psf -106.3 psf -139.6 psf N.G. N.G. N.G.	-72.9 psf -80.3 psf -124.8 psf 1.50 1.25 0.50
Notes: 1. Allowable spacing is based on a Design Pressures listed in the				
FBC 2023 Approval, FL14645.11 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. Tormado Loads are not considered.				0 0 0
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.				
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