

Roof Fastener Spacing (feet)

Wind Speed (mph) Exposure Category	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		
100C	Thickness 0.032"	zone 1' -13.5 psf	zone 1 -23.8 psf	zone 2 -31.5 psf	zone 3 -43 psf	zone 1 -27.6 psf	zone 2 -36.6 psf	zone 3 -48.1 psf	zone 1 -25.1 psf	zone 2 -27.6 psf	zone 3 -43 psf
		2.00	2.00	2.00	1.50	2.00	1.50	1.00	2.00	2.00	1.50
120C	Thickness 0.032"	zone 1' -19.6 psf	zone 1 -34.4 psf	zone 2 -45.5 psf	zone 3 -62.1 psf	zone 1 -39.9 psf	zone 2 -52.8 psf	zone 3 -69.5 psf	zone 1 -36.2 psf	zone 2 -39.9 psf	zone 3 -62.1 psf
		2.00	1.50	1.00	1.00	1.50	1.00	0.50	1.50	1.50	1.00
140C	Thickness 0.032"	zone 1' -26.8 psf	zone 1 -46.9 psf	zone 2 -62 psf	zone 3 -84.6 psf	zone 1 -54.5 psf	zone 2 -72 psf	zone 3 -94.7 psf	zone 1 -49.4 psf	zone 2 -54.5 psf	zone 3 -84.6 psf
		2.00	1.00	1.00	0.50	1.00	0.50	0.50*	1.00	1.00	0.50
160C	Thickness 0.032"	zone 1' -35.1 psf	zone 1 -61.4 psf	zone 2 -81.1 psf	zone 3 -110.6 psf	zone 1 -71.2 psf	zone 2 -94.2 psf	zone 3 -123.8 psf	zone 1 -64.7 psf	zone 2 -71.2 psf	zone 3 -110.6 psf
		1.50	1.00	0.50	0.50*	0.50	0.50*	0.50*	1.00	0.50	0.50*
180C	Thickness 0.032"	zone 1' -44.5 psf	zone 1 -77.8 psf	zone 2 -102.7 psf	zone 3 -140.1 psf	zone 1 -90.2 psf	zone 2 -119.3 psf	zone 3 -156.7 psf	zone 1 -81.9 psf	zone 2 -90.2 psf	zone 3 -140.1 psf
		1.00	0.50	0.50*	0.50*	0.50	0.50*	0.50*	0.50	0.50	0.50*
200C	Thickness 0.032"	zone 1' -55.1 psf	zone 1 -96.1 psf	zone 2 -126.9 psf	zone 3 -173 psf	zone 1 -111.5 psf	zone 2 -147.4 psf	zone 3 -193.6 psf	zone 1 -101.2 psf	zone 2 -111.5 psf	zone 3 -173 psf
		1.00	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*
220C	Thickness 0.032"	zone 1' -66.7 psf	zone 1 -116.3 psf	zone 2 -153.6 psf	zone 3 -209.5 psf	zone 1 -135 psf	zone 2 -178.4 psf	zone 3 -234.3 psf	zone 1 -122.6 psf	zone 2 -135 psf	zone 3 -209.5 psf
		0.50	0.50*	0.50*	0.50*	N.G.	N.G.	N.G.	0.50*	0.50*	0.50*
240C	Thickness 0.032"	zone 1' -79.4 psf	zone 1 -138.5 psf	zone 2 -182.9 psf	zone 3 -249.3 psf	zone 1 -160.7 psf	zone 2 -212.4 psf	zone 3 -278.9 psf	zone 1 -145.9 psf	zone 2 -160.7 psf	zone 3 -249.3 psf
		N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.

Notes:

1. Allowable spacing is based on a Design Pressures listed in the FBC 2023 Approval, FL42034.1 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.

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.

* - Indicates that Support Straps must be installed per the Approval.

