

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		
	Thickness	zone 1'	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
100C	26 ga	2.00	1.50	1.00	0.50	1.50	1.00	0.50	1.50	1.50	0.50
		-13.3 psf	-23.6 psf	-31.3 psf	-42.8 psf	-27.4 psf	-36.4 psf	-47.9 psf	-24.8 psf	-27.4 psf	-42.8 psf
110C	26 ga	2.00	1.00	1.00	0.50	1.00	0.50	0.50	1.00	1.00	0.50
		-16.2 psf	-28.6 psf	-37.9 psf	-51.9 psf	-33.3 psf	-44.1 psf	-58.1 psf	-30.2 psf	-33.3 psf	-51.9 psf
120C	26 ga	2.00	1.00	0.50	0.50	1.00	0.50	0.50*	1.00	1.00	0.50
		-19.4 psf	-34.2 psf	-45.2 psf	-61.9 psf	-39.7 psf	-52.6 psf	-69.3 psf	-36 psf	-39.7 psf	-61.9 psf
130C	26 ga	1.50	1.00	0.50	0.50*	0.50	0.50	0.50*	0.50	0.50	0.50*
		-22.9 psf	-40.2 psf	-53.2 psf	-72.7 psf	-46.7 psf	-61.9 psf	-81.4 psf	-42.4 psf	-46.7 psf	-72.7 psf
140C	26 ga	1.50	0.50	0.50	0.50*	0.50	0.50*	0.50*	0.50	0.50	0.50*
		-26.6 psf	-46.7 psf	-61.8 psf	-84.4 psf	-54.2 psf	-71.8 psf	-94.5 psf	-49.2 psf	-54.2 psf	-84.4 psf
150C	26 ga	1.00	0.50	0.50*	0.50*	0.50	0.50*	0.50*	0.50	0.50	0.50*
		-30.6 psf	-53.7 psf	-71 psf	-97 psf	-62.4 psf	-82.6 psf	-108.5 psf	-56.6 psf	-62.4 psf	-97 psf
160C	26 ga	1.00	0.50	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*
		-34.9 psf	-61.2 psf	-80.9 psf	-110.4 psf	-71 psf	-94 psf	-123.5 psf	-64.5 psf	-71 psf	-110.4 psf
170C	26 ga	1.00	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*
		-39.5 psf	-69.1 psf	-91.4 psf	-124.7 psf	-80.2 psf	-106.2 psf	-139.5 psf	-78.8 psf	-80.2 psf	-124.7 psf

Notes:

1. Allowable spacing is based on a Design Pressures listed in the FBC 2023 Approval, FL14645.10 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 the Support Straps must be installed per the Approval.

