

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
130C	0.032"	-23.1 psf	-40.4 psf	-53.4 psf	-72.9 psf	0.50	0.50	0.50	1.00	0.50	0.50
		1.50	1.00	0.50	0.50						
140C	0.032"	-26.8 psf	-46.9 psf	-62 psf	-84.6 psf	0.50	0.50	0.50	0.50	0.50	0.50
		1.50	0.50	0.50	0.50						
150C	0.032"	-30.8 psf	-53.9 psf	-71.2 psf	-97.2 psf	0.50	0.50	0.50*	0.50	0.50	0.50
		1.00	0.50	0.50	0.50						
160C	0.032"	-35.1 psf	-61.4 psf	-81.1 psf	-110.6 psf	0.50	0.50	0.50*	0.50	0.50	0.50*
		1.00	0.50	0.50	0.50*						
170C	0.032"	-39.7 psf	-69.3 psf	-91.6 psf	-124.9 psf	0.50	0.50	0.50*	0.50	0.50	0.50*
		1.00	0.50	0.50	0.50*						
180C	0.032"	-44.5 psf	-77.8 psf	-102.7 psf	-140.1 psf	0.50	0.50*	0.50*	0.50	0.50	0.50*
		1.00	0.50	0.50	0.50*						
190C	0.032"	-49.7 psf	-86.7 psf	-114.5 psf	-156.1 psf	0.50	0.50*	0.50*	0.50	0.50	0.50*
		0.50	0.50	0.50*	0.50*						
200C	0.032"	-55.1 psf	-96.1 psf	-126.9 psf	-173 psf	0.50*	0.50*	0.50*	0.50	0.50*	0.50*
		0.50	0.50	0.50*	0.50*						

Notes:

1. Allowable spacing is based on a Design Pressures listed in the FBC 2023 Approval, FL11560.2 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.

