

## 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
100D	26 ga	2.00	1.00	1.00	0.50	1.00	0.50	0.50	1.00	1.00	0.50
		-15.8 psf	-28 psf	-37.1 psf	-50.7 psf	-32.5 psf	-43.2 psf	-56.8 psf	-29.5 psf	-32.5 psf	-50.7 psf
110D	26 ga	2.00	1.00	0.50	0.50	1.00	0.50	0.50*	1.00	1.00	0.50
		-19.3 psf	-34 psf	-45 psf	-61.5 psf	-39.5 psf	-52.3 psf	-68.9 psf	-35.8 psf	-39.5 psf	-61.5 psf
120D	26 ga	1.50	1.00	0.50	0.50*	0.50	0.50	0.50*	0.50	0.50	0.50*
		-23 psf	-40.5 psf	-53.6 psf	-73.3 psf	-47.1 psf	-62.4 psf	-82 psf	-42.7 psf	-47.1 psf	-73.3 psf
130D	26 ga	1.50	0.50	0.50	0.50*	0.50	0.50*	0.50*	0.50	0.50	0.50*
		-27.1 psf	-47.7 psf	-63 psf	-86.1 psf	-55.4 psf	-73.3 psf	-96.4 psf	-50.2 psf	-55.4 psf	-86.1 psf
140D	26 ga	1.00	0.50	0.50*	0.50*	0.50*	0.50*	0.50*	0.50	0.50*	0.50*
		-31.6 psf	-55.4 psf	-73.2 psf	-100 psf	-64.3 psf	-85.1 psf	-111.9 psf	-58.3 psf	-64.3 psf	-100 psf
150D	26 ga	1.00	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*
		-36.3 psf	-63.6 psf	-84.1 psf	-114.8 psf	-73.9 psf	-97.8 psf	-128.5 psf	-67 psf	-73.9 psf	-114.8 psf
160D	26 ga	1.00	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*
		-41.4 psf	-72.5 psf	-95.8 psf	-130.7 psf	-84.1 psf	-111.3 psf	-146.3 psf	-76.4 psf	-84.1 psf	-130.7 psf
170D	26 ga	0.50	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*
		-46.8 psf	-81.9 psf	-108.2 psf	-147.7 psf	-95 psf	-125.7 psf	-165.2 psf	-86.3 psf	-95 psf	-147.7 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.

