

## 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	zone 1'	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
	26 ga	-13.4 psf	-23.6 psf	-31.3 psf	-42.9 psf	-27.5 psf	-36.5 psf	-48 psf	-24.9 psf	-27.5 psf	-42.9 psf
120C	Thickness	zone 1'	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
	26 ga	-19.5 psf	-34.2 psf	-45.3 psf	-61.9 psf	-39.8 psf	-52.7 psf	-69.3 psf	-36.1 psf	-39.8 psf	-61.9 psf
140C	Thickness	zone 1'	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
	26 ga	-26.7 psf	-46.8 psf	-61.9 psf	-84.5 psf	-54.3 psf	-71.9 psf	-94.5 psf	-49.3 psf	-54.3 psf	-84.5 psf
160C	Thickness	zone 1'	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
	26 ga	-35 psf	-61.3 psf	-80.9 psf	-110.5 psf	-71.1 psf	-94.1 psf	-123.6 psf	-64.5 psf	-71.1 psf	-110.5 psf
180C	Thickness	zone 1'	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
	26 ga	-44.4 psf	-77.6 psf	-102.6 psf	-140 psf	-90.1 psf	-119.2 psf	-156.6 psf	-81.8 psf	-90.1 psf	-140 psf
200C	Thickness	zone 1'	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
	26 ga	-54.9 psf	-96 psf	-126.7 psf	-172.9 psf	-111.4 psf	-147.3 psf	-193.4 psf	-101.1 psf	-111.4 psf	-172.9 psf
220C	Thickness	zone 1'	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
	26 ga	-66.6 psf	-116.2 psf	-153.5 psf	-209.3 psf	-134.8 psf	-178.3 psf	-234.2 psf	-122.4 psf	-134.8 psf	-209.3 psf
240C	Thickness	zone 1'	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
	26 ga	-79.3 psf	-138.4 psf	-182.7 psf	-249.2 psf	-160.6 psf	-212.3 psf	-278.8 psf	-145.8 psf	-160.6 psf	-249.2 psf

### Notes:

- Allowable spacing is based on a Design Pressures listed in the FBC 2023 Approval, FL14645.3 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.
- 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.
- 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

