

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	2.00	2.00	2.00	2.00	2.00	1.50	2.00	2.00	2.00
	Thickness	-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
120C	26 ga	2.00	2.00	1.50	0.50	2.00	1.00	0.50*	2.00	2.00	0.50
	Thickness	-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
140C	26 ga	2.00	1.50	0.50	0.50*	1.00	0.50*	0.50*	1.50	1.00	0.50*
	Thickness	-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
160C	26 ga	2.00	0.50	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*
	Thickness	-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
180C	26 ga	1.50	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*
	Thickness	-44.3 psf	-77.6 psf	-102.5 psf	-139.9 psf	-90 psf	-119.1 psf	-156.5 psf	-81.7 psf	-90 psf	-139.9 psf
200C	26 ga	1.00	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*
	Thickness	-54.9 psf	-95.9 psf	-126.7 psf	-172.8 psf	-111.3 psf	-147.2 psf	-193.4 psf	-101 psf	-111.3 psf	-172.8 psf
220C	26 ga	0.50*	0.50*	0.50*	0.50*	N.G.	N.G.	N.G.	0.50*	0.50*	0.50*
	Thickness	-66.5 psf	-116.1 psf	-153.4 psf	-209.2 psf	-134.8 psf	-178.2 psf	-234.1 psf	-122.3 psf	-134.8 psf	-209.2 psf
240C	26 ga	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.
	Thickness	-79.2 psf	-138.3 psf	-182.6 psf	-249.1 psf	-160.5 psf	-212.2 psf	-278.7 psf	-145.7 psf	-160.5 psf	-249.1 psf

Notes:

1. Allowable spacing is based on a Design Pressures listed in the FBC 2023 Approval, FL11560.4 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.

