

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			
	zone 1'	zone 1	zone 2	zone 3		zone 1	zone 2	zone 3	zone 1	zone 2	zone 3	
100C	Thickness	-13.5 psf	-23.8 psf	-31.5 psf	-43 psf		-27.6 psf	-36.6 psf	-48.1 psf	-25.1 psf	-27.6 psf	-43 psf
	0.032"	2.00	2.00	2.00	1.50	2.00	1.50	1.00	2.00	2.00	1.50	
120C	Thickness	-19.6 psf	-34.4 psf	-45.5 psf	-62.1 psf		-39.9 psf	-52.8 psf	-69.5 psf	-36.2 psf	-39.9 psf	-62.1 psf
	0.032"	2.00	1.50	1.00	1.00	1.50	1.00	0.50	1.50	1.50	1.00	
140C	Thickness	-26.8 psf	-46.9 psf	-62 psf	-84.6 psf		-54.5 psf	-72 psf	-94.7 psf	-49.4 psf	-54.5 psf	-84.6 psf
	0.032"	2.00	1.00	1.00	0.50	1.00	0.50	0.50*	1.00	1.00	0.50	
160C	Thickness	-35.1 psf	-61.4 psf	-81.1 psf	-110.6 psf		-71.2 psf	-94.2 psf	-123.8 psf	-64.7 psf	-71.2 psf	-110.6 psf
	0.032"	1.50	1.00	0.50	0.50*	0.50	0.50*	0.50*	1.00	0.50	0.50*	
180C	Thickness	-44.5 psf	-77.8 psf	-102.7 psf	-140.1 psf		-90.2 psf	-119.3 psf	-156.7 psf	-81.9 psf	-90.2 psf	-140.1 psf
	0.032"	1.00	0.50	0.50*	0.50*	0.50	0.50*	0.50*	0.50	0.50	0.50*	
200C	Thickness	-55.1 psf	-96.1 psf	-126.9 psf	-173 psf		-111.5 psf	-147.4 psf	-193.6 psf	-101.2 psf	-111.5 psf	-173 psf
	0.032"	1.00	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	
220C	Thickness	-66.7 psf	-116.3 psf	-153.6 psf	-209.5 psf		-135 psf	-178.4 psf	-234.3 psf	-122.6 psf	-135 psf	-209.5 psf
	0.032"	0.50	0.50*	0.50*	0.50*	N.G.	N.G.	N.G.	0.50*	0.50*	0.50*	
240C	Thickness	-79.4 psf	-138.5 psf	-182.9 psf	-249.3 psf		-160.7 psf	-212.4 psf	-278.9 psf	-145.9 psf	-160.7 psf	-249.3 psf
	0.032"	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	

Notes:

- Allowable spacing is based on a Design Pressures listed in the FBC 2023 Approval, FL11560.3 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 the Support Straps must be installed per the Approval.

