

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	0.032"	-13.6 psf 3.00	-23.8 psf 3.00	-31.5 psf 2.75	-43.1 psf 2.75	-27.7 psf 3.00	-36.6 psf 2.75	-48.2 psf 2.50	-25.1 psf 3.00	-27.7 psf 3.00	-43.1 psf 2.75
120C	0.032"	-19.7 psf 3.00	-34.4 psf 2.75	-45.5 psf 2.50	-62.1 psf 2.25	-40 psf 2.75	-52.9 psf 2.50	-69.5 psf 2.00	-36.3 psf 2.75	-40 psf 2.75	-62.1 psf 2.25
140C	0.032"	-26.9 psf 3.00	-47 psf 2.50	-62 psf 2.25	-84.7 psf 1.75	-54.5 psf 2.50	-72.1 psf 2.00	-94.7 psf 1.75	-49.5 psf 2.50	-54.5 psf 2.50	-84.7 psf 1.75
160C	0.032"	-35.2 psf 2.75	-61.4 psf 2.25	-81.1 psf 2.00	-110.7 psf 1.25	-71.3 psf 2.00	-94.3 psf 1.75	-123.8 psf 1.00	-64.7 psf 2.25	-71.3 psf 2.00	-110.7 psf 1.25
180C	0.032"	-44.6 psf 2.50	-77.8 psf 2.00	-102.8 psf 1.50	-140.1 psf 0.75	-90.3 psf 1.75	-119.4 psf 1.25	-156.8 psf 0.50	-82 psf 2.00	-90.3 psf 1.75	-140.1 psf 0.75
200C	0.032"	-55.1 psf 2.50	-96.1 psf 1.50	-126.9 psf 1.00	-173.1 psf 0.25	-111.5 psf 1.25	-147.4 psf 0.75	-193.6 psf 0.25	-101.3 psf 1.50	-111.5 psf 1.25	-173.1 psf 0.25
220C	0.032"	-66.7 psf 2.25	-116.4 psf 1.25	-153.6 psf 0.50	-209.5 psf 0.25	-135 psf N.G.	-178.5 psf N.G.	-234.3 psf N.G.	-122.6 psf 1.00	-135 psf 1.00	-209.5 psf 0.25
240C	0.032"	-79.5 psf N.G.	-138.6 psf N.G.	-182.9 psf N.G.	-249.4 psf N.G.	-160.7 psf N.G.	-212.4 psf N.G.	-278.9 psf N.G.	-146 psf N.G.	-160.7 psf N.G.	-249.4 psf N.G.

Notes:

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

