

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
100D	Thickness	-16.1 psf	-28.2 psf	-37.3 psf	-51 psf	-32.8 psf	-43.4 psf	-57.1 psf	-29.8 psf	-32.8 psf	-51 psf
	0.032"	3.00	3.00	2.75	2.50	2.75	2.50	2.25	3.00	2.75	2.50
120D	Thickness	-23.3 psf	-40.8 psf	-53.9 psf	-73.6 psf	-47.3 psf	-62.6 psf	-82.3 psf	-43 psf	-47.3 psf	-73.6 psf
	0.032"	3.00	2.75	2.50	2.00	2.50	2.25	2.00	2.75	2.50	2.00
140D	Thickness	-31.8 psf	-55.6 psf	-73.5 psf	-100.2 psf	-64.5 psf	-85.4 psf	-112.1 psf	-58.6 psf	-64.5 psf	-100.2 psf
	0.032"	2.75	2.50	2.00	1.50	2.25	1.75	1.25	2.25	2.25	1.50
160D	Thickness	-41.7 psf	-72.7 psf	-96 psf	-131 psf	-84.4 psf	-111.6 psf	-146.5 psf	-76.6 psf	-84.4 psf	-131 psf
	0.032"	2.75	2.00	1.50	1.00	1.75	1.25	0.75	2.00	1.75	1.00
180D	Thickness	-52.8 psf	-92.1 psf	-121.6 psf	-165.9 psf	-106.9 psf	-141.3 psf	-185.5 psf	-97 psf	-106.9 psf	-165.9 psf
	0.032"	2.50	1.75	1.25	0.25	1.50	0.75	0.25	1.50	1.50	0.25
200D	Thickness	-65.3 psf	-113.8 psf	-150.2 psf	-204.9 psf	-132 psf	-174.5 psf	-229.1 psf	-119.9 psf	-132 psf	-204.9 psf
	0.032"	2.25	1.25	0.50	0.25	N.G.	N.G.	N.G.	1.25	1.00	0.25
220D	Thickness	-79 psf	-137.8 psf	-181.8 psf	-247.9 psf	-159.8 psf	-211.2 psf	-277.3 psf	-145.1 psf	-159.8 psf	-247.9 psf
	0.032"	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.
240D	Thickness	-94.1 psf	-164 psf	-216.5 psf	-295.1 psf	-190.2 psf	-251.4 psf	-330.1 psf	-172.8 psf	-190.2 psf	-295.1 psf
	0.032"	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	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.

