

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	-15.8 psf	-28 psf	-37.1 psf	-50.7 psf	-32.5 psf	-43.2 psf	-56.8 psf	-29.5 psf	-32.5 psf	-50.7 psf
	26 ga	2.00	2.00	2.00	1.00	2.00	2.00	0.50	2.00	2.00	1.00
120D	Thickness	-23 psf	-40.5 psf	-53.6 psf	-73.3 psf	-47.1 psf	-62.4 psf	-82 psf	-42.7 psf	-47.1 psf	-73.3 psf
	26 ga	2.00	2.00	1.00	0.50*	1.50	0.50	0.50*	2.00	1.50	0.50*
140D	Thickness	-31.6 psf	-55.4 psf	-73.2 psf	-100 psf	-64.3 psf	-85.1 psf	-111.9 psf	-58.3 psf	-64.3 psf	-100 psf
	26 ga	2.00	1.00	0.50*	0.50*	0.50*	0.50*	0.50*	0.50	0.50*	0.50*
160D	Thickness	-41.4 psf	-72.5 psf	-95.8 psf	-130.7 psf	-84.1 psf	-111.3 psf	-146.3 psf	-76.4 psf	-84.1 psf	-130.7 psf
	26 ga	2.00	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*
180D	Thickness	-52.5 psf	-91.9 psf	-121.4 psf	-165.6 psf	-106.6 psf	-141 psf	-185.3 psf	-96.8 psf	-106.6 psf	-165.6 psf
	26 ga	1.00	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*	0.50*
200D	Thickness	-65 psf	-113.6 psf	-150 psf	-204.6 psf	-131.8 psf	-174.3 psf	-228.9 psf	-119.6 psf	-131.8 psf	-204.6 psf
	26 ga	0.50*	0.50*	0.50*	0.50*	N.G.	N.G.	N.G.	0.50*	0.50*	0.50*
220D	Thickness	-78.8 psf	-137.5 psf	-181.6 psf	-247.7 psf	-159.6 psf	-211 psf	-277.1 psf	-144.9 psf	-159.6 psf	-247.7 psf
	26 ga	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.
240D	Thickness	-93.8 psf	-163.8 psf	-216.2 psf	-294.9 psf	-190 psf	-251.2 psf	-328.8 psf	-172.5 psf	-190 psf	-294.9 psf
	26 ga	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, FL11560.4 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.

