



Roof Fastener Spacing (feet)

Wind Speed (mph) Exposure Category	Roof Slope: 0.5:12 to 1.5:12				Roof Slope: 1.5:12 to 6:12			Roof Slope: 6:12 to 12:12		
	Thickness	Field	Edge	Corner	Field	Edge	Corner	Field	Edge	Corner
120D	26 ga	3.00	2.00	1.25	3.00	2.25	1.50	3.00	3.00	3.00
		-24.5 psf	-41.4 psf	-62.6 psf	-22.4 psf	-39.3 psf	-58.4 psf	-24.5 psf	-28.7 psf	-28.7 psf
130D	26 ga	3.00	1.75	1.00	3.00	1.75	1.25	3.00	2.50	2.50
		-28.8 psf	-48.7 psf	-73.6 psf	-26.4 psf	-46.2 psf	-68.6 psf	-28.8 psf	-33.8 psf	-33.8 psf
140D	26 ga	2.50	1.50	1.00	2.75	1.50	1.00	2.50	2.25	2.25
		-33.5 psf	-56.6 psf	-85.4 psf	-30.6 psf	-53.7 psf	-79.6 psf	-33.5 psf	-39.3 psf	-39.3 psf
150D	26 ga	2.25	1.25	0.75	2.50	1.25	0.75	2.25	1.75	1.75
		-38.6 psf	-65 psf	-98.1 psf	-35.3 psf	-61.7 psf	-91.5 psf	-38.6 psf	-45.2 psf	-45.2 psf
160D	26 ga	2.00	1.00	0.75	2.00	1.25	0.75	2.00	1.50	1.50
		-43.9 psf	-74 psf	-111.7 psf	-40.2 psf	-70.3 psf	-104.1 psf	-43.9 psf	-51.5 psf	-51.5 psf
170D	26 ga	1.75	1.00	0.50	1.75	1.00	0.75	1.75	1.50	1.50
		-49.7 psf	-83.6 psf	-126.1 psf	-45.4 psf	-79.4 psf	-117.6 psf	-49.7 psf	-58.2 psf	-58.2 psf
180D	26 ga	1.50	0.75	0.50	1.75	1.00	0.50	1.50	1.25	1.25
		-55.7 psf	-93.8 psf	-141.5 psf	-51 psf	-89.1 psf	-131.9 psf	-55.7 psf	-65.3 psf	-65.3 psf
190D	26 ga	1.25	0.75	0.50	1.50	0.75	0.50	1.25	1.00	1.00
		-62.1 psf	-104.6 psf	-157.7 psf	-56.8 psf	-99.3 psf	-147.1 psf	-62.1 psf	-72.8 psf	-72.8 psf

Notes:

- Allowable spacing is based on a Design Pressures listed in the FBC 2017 Approval, FL14645.4 and determined by linear interpolation of those values. 1/3 increase is not included for wind. The fasteners and patterns are shown in the Approval.
- Allowable spacing is based on an applied load determined using ASCE 7-10 for the Wind Speeds, Wind Exposure Categories, "Roof Slopes, and Roof Zones shown, assuming 10 square feet of tributary area, Enclosed building, 3 or more span case, Topographic Factor of 1, and Mean Roof Height of 25 feet.
- Allowable spacing is determined for wind suction using the combination $0.6DL + 0.6W$. Also considered is the appropriate inward wind pressure, 20 psf live load and the weight of the panel.

- ① - FIELD
- ② - EDGE
- ③ - CORNER

A - LEAST OF 10% MINIMUM BUILDING WIDTH OR 40% OF ROOF MEAN HEIGHT BUT NOT LESS THAN 3'-0"