



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	0.032"	3.00	-41.6 psf	-62.8 psf	3.00	-39.5 psf	-58.6 psf	3.00	-24.7 psf	-28.9 psf
130D	0.032"	3.00	-48.9 psf	-73.7 psf	3.00	-46.4 psf	-68.8 psf	3.00	-29 psf	-34 psf
140D	0.032"	2.50	-56.8 psf	-85.6 psf	2.75	-53.9 psf	-79.8 psf	2.50	-33.7 psf	-39.5 psf
150D	0.032"	2.25	-65.2 psf	-98.3 psf	2.50	-61.9 psf	-91.7 psf	2.25	-38.7 psf	-45.4 psf
160D	0.032"	2.00	-74.2 psf	-111.9 psf	2.00	-70.5 psf	-104.3 psf	2.00	-44.1 psf	-51.6 psf
170D	0.032"	1.75	-83.8 psf	-126.3 psf	1.75	-79.6 psf	-117.8 psf	1.75	-49.8 psf	-58.3 psf
180D	0.032"	1.50	-94 psf	-141.6 psf	1.75	-89.2 psf	-132.1 psf	1.50	-55.9 psf	-65.4 psf
190D	0.032"	1.25	-104.8 psf	-157.8 psf	1.50	-99.5 psf	-147.2 psf	1.25	-62.3 psf	-72.9 psf

Notes:

- Allowable spacing is based on the system capacity listed in the FBC 2014 Approval, FL11560.1 and determined by linear interpolation of those values. 1/3 increase is not included for wind.
- 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, Gable roof, Enclosed building, 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"

