

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"	-24.6 psf	-41.6 psf	-62.7 psf	1.50	1.00	0.50	1.50	1.50	1.50
		1.50	1.00	0.50						
130D	0.032"	-29 psf	-48.8 psf	-73.7 psf	1.50	0.50	0.50	1.50	1.00	1.00
		1.50	0.50	0.50						
140D	0.032"	-33.7 psf	-56.7 psf	-85.5 psf	1.00	0.50	0.50	1.00	1.00	1.00
		1.00	0.50	0.50						
150D	0.032"	-38.7 psf	-65.1 psf	-98.2 psf	1.00	0.50	0.50	1.00	0.50	0.50
		1.00	0.50	0.50						
160D	0.032"	-44.1 psf	-74.2 psf	-111.8 psf	1.00	0.50	0.50	1.00	0.50	0.50
		1.00	0.50	0.50*						
170D	0.032"	-49.8 psf	-83.8 psf	-126.3 psf	0.50	0.50	0.50*	0.50	0.50	0.50
		0.50	0.50	0.50*						
180D	0.032"	-55.9 psf	-94 psf	-141.6 psf	0.50	0.50	0.50*	0.50	0.50	0.50
		0.50	0.50	0.50*						
190D	0.032"	-62.3 psf	-104.7 psf	-157.8 psf	0.50	0.50*	0.50*	0.50	0.50	0.50
		0.50	0.50*	0.50*						

Notes:

1. Allowable spacing is based on a Design Pressures listed in the FBC 2017 Approval, FL11560.3 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.

2. 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.

3. 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.

* - Indicates that Support Straps must be installed per the Approval.

- 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"

