

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		
	Thickness	zone 1'	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
120D	0.032"	-23.3 psf	-40.7 psf	-53.8 psf	-73.5 psf	-47.3 psf	-62.6 psf	-82.3 psf	-42.9 psf	-47.3 psf	-73.5 psf
		1.50	1.00	0.50	0.50	0.50	0.50	0.50	1.00	0.50	0.50
130D	0.032"	-27.4 psf	-47.9 psf	-63.3 psf	-86.3 psf	-55.6 psf	-73.5 psf	-96.6 psf	-50.4 psf	-55.6 psf	-86.3 psf
		1.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
140D	0.032"	-31.8 psf	-55.6 psf	-73.4 psf	-100.2 psf	-64.5 psf	-85.3 psf	-112.1 psf	-58.5 psf	-64.5 psf	-100.2 psf
		1.00	0.50	0.50	0.50	0.50	0.50	0.50*	0.50	0.50	0.50
150D	0.032"	-36.5 psf	-63.8 psf	-84.3 psf	-115.1 psf	-74.1 psf	-98 psf	-128.7 psf	-67.3 psf	-74.1 psf	-115.1 psf
		1.00	0.50	0.50	0.50*	0.50	0.50	0.50*	0.50	0.50	0.50*
160D	0.032"	-41.6 psf	-72.7 psf	-96 psf	-131 psf	-84.3 psf	-111.5 psf	-146.5 psf	-76.6 psf	-84.3 psf	-131 psf
		1.00	0.50	0.50	0.50*	0.50	0.50*	0.50*	0.50	0.50	0.50*
170D	0.032"	-47 psf	-82.1 psf	-108.4 psf	-147.9 psf	-95.3 psf	-126 psf	-165.4 psf	-86.5 psf	-95.3 psf	-147.9 psf
		0.50	0.50	0.50*	0.50*	0.50	0.50*	0.50*	0.50	0.50	0.50*
180D	0.032"	-52.8 psf	-92.1 psf	-121.6 psf	-165.8 psf	-106.8 psf	-141.2 psf	-185.5 psf	-97 psf	-106.8 psf	-165.8 psf
		0.50	0.50	0.50*	0.50*	0.50	0.50*	0.50*	0.50	0.50	0.50*
190D	0.032"	-58.8 psf	-102.6 psf	-135.5 psf	-184.8 psf	-119.1 psf	-157.4 psf	-206.7 psf	-108.1 psf	-119.1 psf	-184.8 psf
		0.50	0.50	0.50*	0.50*	N.G.	N.G.	N.G.	0.50*	0.50*	0.50*

Notes:

1. Allowable spacing is based on a Design Pressures listed in the FBC 2023 Approval, FL11560.2 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.

