



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	1.50	1.00	0.50	1.50	1.00	0.50	1.50	1.00	1.00
		-24.4 psf	-41.4 psf	-62.5 psf	-22.3 psf	-39.2 psf	-58.3 psf	-24.4 psf	-28.7 psf	-28.7 psf
130D	26 ga	1.00	0.50	0.50*	1.50	0.50	0.50*	1.00	1.00	1.00
		-28.8 psf	-48.6 psf	-73.5 psf	-26.3 psf	-46.2 psf	-68.5 psf	-28.8 psf	-33.7 psf	-33.7 psf
140D	26 ga	1.00	0.50	0.50*	1.00	0.50	0.50*	1.00	1.00	1.00
		-33.4 psf	-56.5 psf	-85.3 psf	-30.6 psf	-53.6 psf	-79.5 psf	-33.4 psf	-39.2 psf	-39.2 psf
150D	26 ga	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	1.00	0.50	0.50
		-38.5 psf	-64.9 psf	-98 psf	-35.2 psf	-61.6 psf	-91.4 psf	-38.5 psf	-45.1 psf	-45.1 psf
160D	26 ga	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	0.50	0.50	0.50
		-43.9 psf	-74 psf	-111.6 psf	-40.1 psf	-70.2 psf	-104.1 psf	-43.9 psf	-51.4 psf	-51.4 psf
170D	26 ga	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	0.50	0.50	0.50
		-49.6 psf	-83.6 psf	-126.1 psf	-45.3 psf	-79.3 psf	-117.6 psf	-49.6 psf	-58.1 psf	-58.1 psf
180D	26 ga	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	0.50	0.50*	0.50*
		-55.7 psf	-93.8 psf	-141.4 psf	-50.9 psf	-89 psf	-131.9 psf	-55.7 psf	-65.2 psf	-65.2 psf
190D	26 ga	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	0.50	0.50*	0.50*
		-62.1 psf	-104.5 psf	-157.6 psf	-56.8 psf	-99.2 psf	-147 psf	-62.1 psf	-72.7 psf	-72.7 psf

Notes:

1. Allowable spacing is based on a Design Pressures listed in the FBC 2017 Approval, FL14645.12 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 SM 7108 Adhesive is required in the panel rib.

N.G. indicates the panel is not recommended for this application.

- 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"

