

## 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			
	zone 1'	zone 1	zone 2	zone 3		zone 1	zone 2	zone 3	zone 1	zone 2	zone 3	
<b>100D</b>	Thickness 0.032"	-16 psf	-28.2 psf	-37.3 psf	-50.9 psf	2.00	2.00	1.50	1.00	2.00	1.50	1.00
<b>120D</b>	Thickness 0.032"	-23.3 psf	-40.7 psf	-53.8 psf	-73.5 psf	2.00	1.50	1.00	0.50	1.00	1.00	0.50
<b>140D</b>	Thickness 0.032"	-31.8 psf	-55.6 psf	-73.4 psf	-100.2 psf	2.00	1.00	0.50	0.50*	1.00	0.50	0.50*
<b>160D</b>	Thickness 0.032"	-41.6 psf	-72.7 psf	-96 psf	-131 psf	1.50	0.50	0.50*	0.50*	0.50	0.50	0.50*
<b>180D</b>	Thickness 0.032"	-52.8 psf	-92.1 psf	-121.6 psf	-165.8 psf	1.00	0.50	0.50*	0.50*	0.50*	0.50*	0.50*
<b>200D</b>	Thickness 0.032"	-65.2 psf	-113.8 psf	-150.2 psf	-204.8 psf	1.00	0.50*	0.50*	0.50*	N.G.	N.G.	N.G.
<b>220D</b>	Thickness 0.032"	-79 psf	-137.7 psf	-181.8 psf	-247.9 psf	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.
<b>240D</b>	Thickness 0.032"	-94.1 psf	-164 psf	-216.4 psf	-295.1 psf	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.

### Notes:

1. Allowable spacing is based on a Design Pressures listed in the FBC 2023 Approval, FL11560.3 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.

