

Roof Fastener Spacing (feet)

Wind Speed (mph)
Exposure Category

100C

Roof Slope: 0.5:12 to 1.47:12				
Thickness	zone 1'	zone 1	zone 2	zone 3
26 ga	4.00	4.00	3.75	2.75

Roof Slope: 1.48:12 to 6.11:12		
zone 1	zone 2	zone 3
4.00	3.25	2.50

Roof Slope: 6.12:12 to 12:12		
zone 1	zone 2	zone 3
4.00	4.00	2.75

110C

Thickness	zone 1'	zone 1	zone 2	zone 3
26 ga	4.00	4.00	3.00	2.25

zone 1	zone 2	zone 3
3.50	2.50	2.00

zone 1	zone 2	zone 3
3.75	3.50	2.25

120C

Thickness	zone 1'	zone 1	zone 2	zone 3
26 ga	4.00	3.50	2.50	1.75

zone 1	zone 2	zone 3
3.00	2.25	1.50

zone 1	zone 2	zone 3
3.25	3.00	1.75

130C

Thickness	zone 1'	zone 1	zone 2	zone 3
26 ga	4.00	2.75	2.25	1.50

zone 1	zone 2	zone 3
2.50	1.75	1.25

zone 1	zone 2	zone 3
2.75	2.50	1.50

140C

Thickness	zone 1'	zone 1	zone 2	zone 3
26 ga	4.00	2.50	1.75	1.25

zone 1	zone 2	zone 3
2.00	1.50	1.25

zone 1	zone 2	zone 3
2.25	2.00	1.25

150C

Thickness	zone 1'	zone 1	zone 2	zone 3
26 ga	3.75	2.00	1.50	1.00

zone 1	zone 2	zone 3
1.75	1.25	1.00

zone 1	zone 2	zone 3
2.00	1.75	1.00

160C

Thickness	zone 1'	zone 1	zone 2	zone 3
26 ga	3.25	1.75	1.25	1.00

zone 1	zone 2	zone 3
1.50	1.25	0.75

zone 1	zone 2	zone 3
1.75	1.50	1.00

170C

Thickness	zone 1'	zone 1	zone 2	zone 3
26 ga	3.00	1.50	1.25	0.50

zone 1	zone 2	zone 3
N.G.	N.G.	N.G.

zone 1	zone 2	zone 3
1.50	1.25	0.50

Notes:

1. Allowable spacing is based on a Design Pressures listed in the FBC 2023 Approval, FL14645.11 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.

