



## Roof Fastener Spacing (feet)

Wind Speed (mph)  
Exposure Category  
**120C**

Roof Slope: 0.5:12 to 1.47:12				
Thickness	zone 1'	zone 1	zone 2	zone 3
26 ga	3.00	3.00	2.75	2.00

Roof Slope: 1.47:12 to 6.11:12		
zone 1,2e	z 2n,2r,3e	zone 3r
3.00	2.25	1.50

Roof Slope: 6.11:12 to 12:12		
z 1,2e,2r	z 2n,3r	zone 3e
3.00	3.00	2.00

**130C**

Thickness	zone 1'	zone 1	zone 2	zone 3
26 ga	3.00	3.00	2.50	1.50

zone 1,2e	z 2n,2r,3e	zone 3r
2.75	1.75	1.25

z 1,2e,2r	z 2n,3r	zone 3e
3.00	2.75	1.50

**140C**

Thickness	zone 1'	zone 1	zone 2	zone 3
26 ga	3.00	2.75	2.00	1.00

zone 1,2e	z 2n,2r,3e	zone 3r
2.25	1.25	1.00

z 1,2e,2r	z 2n,3r	zone 3e
2.50	2.25	1.00

**150C**

Thickness	zone 1'	zone 1	zone 2	zone 3
26 ga	3.00	2.25	1.50	1.00

zone 1,2e	z 2n,2r,3e	zone 3r
2.00	1.00	0.75

z 1,2e,2r	z 2n,3r	zone 3e
2.25	2.00	1.00

**160C**

Thickness	zone 1'	zone 1	zone 2	zone 3
26 ga	3.00	2.00	1.25	0.75

zone 1,2e	z 2n,2r,3e	zone 3r
1.50	0.75	0.75

z 1,2e,2r	z 2n,3r	zone 3e
1.75	1.50	0.75

**170C**

Thickness	zone 1'	zone 1	zone 2	zone 3
26 ga	3.00	1.50	1.00	0.75

zone 1,2e	z 2n,2r,3e	zone 3r
1.25	0.75	0.50

z 1,2e,2r	z 2n,3r	zone 3e
1.50	1.25	0.75

**180C**

Thickness	zone 1'	zone 1	zone 2	zone 3
26 ga	2.75	1.25	1.00	0.50

zone 1,2e	z 2n,2r,3e	zone 3r
1.00	0.75	0.50

z 1,2e,2r	z 2n,3r	zone 3e
1.25	1.00	0.50

**190C**

Thickness	zone 1'	zone 1	zone 2	zone 3
26 ga	2.50	1.00	0.75	0.50

zone 1,2e	z 2n,2r,3e	zone 3r
1.00	0.50	0.50

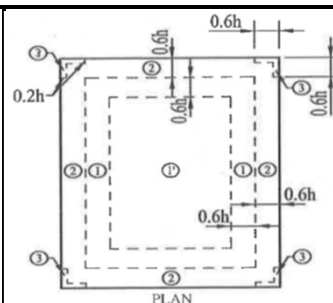
z 1,2e,2r	z 2n,3r	zone 3e
1.00	1.00	0.50

**Notes:**

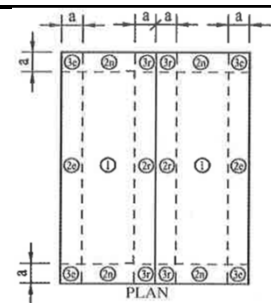
1. Allowable spacing is based on a Design Pressures listed in the FBC 2020 Approval, FL14645.3 and determined by linear interpolation of those values. 1/3 increase is not included for wind. The fasteners and fastening patterns are shown in the Approval.

2. Allowable spacing is based on an applied load determined using ASCE 7-16 for the Wind Speeds, Wind Exposure Categories, "Roof Slopes, and Roof Zones shown, assuming 10 square feet of tributary area, Enclosed Gable Roof, 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 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.



Roof Slope: 0.5:12 to 1.47:12



Roof Slope: 1.47:12 to 12:12