

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		
110C	Thickness 29 ga	zone 1' -16.4 psf 2.00	zone 1 -28.8 psf 2.00	zone 2 -38.1 psf 2.00	zone 3 -52.1 psf 2.00	zone 1 -33.5 psf 2.00	zone 2 -44.3 psf 2.00	zone 3 -58.3 psf 2.00	zone 1 -30.4 psf 2.00	zone 2 -33.5 psf 2.00	zone 3 -52.1 psf 2.00
120C	Thickness 29 ga	zone 1' -19.6 psf 2.00	zone 1 -34.3 psf 2.00	zone 2 -45.4 psf 2.00	zone 3 -62 psf 2.00	zone 1 -39.9 psf 2.00	zone 2 -52.8 psf 2.00	zone 3 -69.4 psf 2.00	zone 1 -36.2 psf 2.00	zone 2 -39.9 psf 2.00	zone 3 -62 psf 2.00
130C	Thickness 29 ga	zone 1' -23 psf 2.00	zone 1 -40.4 psf 2.00	zone 2 -53.4 psf 2.00	zone 3 -72.9 psf 2.00	zone 1 -46.9 psf 2.00	zone 2 -62 psf 2.00	zone 3 -81.6 psf 2.00	zone 1 -42.5 psf 2.00	zone 2 -46.9 psf 2.00	zone 3 -72.9 psf 2.00
140C	Thickness 29 ga	zone 1' -26.8 psf 2.00	zone 1 -46.9 psf 2.00	zone 2 -62 psf 2.00	zone 3 -84.6 psf 2.00	zone 1 -54.4 psf 2.00	zone 2 -72 psf 2.00	zone 3 -94.6 psf 2.00	zone 1 -49.4 psf 2.00	zone 2 -54.4 psf 2.00	zone 3 -84.6 psf 2.00
150C	Thickness 29 ga	zone 1' -30.8 psf 2.00	zone 1 -53.9 psf 2.00	zone 2 -71.2 psf 2.00	zone 3 -97.2 psf 2.00	zone 1 -62.5 psf 2.00	zone 2 -82.7 psf 2.00	zone 3 -108.7 psf 2.00	zone 1 -56.8 psf 2.00	zone 2 -62.5 psf 2.00	zone 3 -97.2 psf 2.00
160C	Thickness 29 ga	zone 1' -35.1 psf 2.00	zone 1 -61.3 psf 2.00	zone 2 -81 psf 2.00	zone 3 -110.6 psf 2.00	zone 1 -71.2 psf 2.00	zone 2 -94.2 psf 2.00	zone 3 -123.7 psf 2.00	zone 1 -64.6 psf 2.00	zone 2 -71.2 psf 2.00	zone 3 -110.6 psf 2.00
170C	Thickness 29 ga	zone 1' -39.7 psf 2.00	zone 1 -69.3 psf 2.00	zone 2 -91.5 psf 2.00	zone 3 -124.9 psf 2.00	zone 1 -80.4 psf N.G.	zone 2 -106.4 psf N.G.	zone 3 -139.7 psf N.G.	zone 1 -73 psf 2.00	zone 2 -80.4 psf 2.00	zone 3 -124.9 psf 2.00
180C	Thickness 29 ga	zone 1' -44.5 psf N.G.	zone 1 -77.7 psf N.G.	zone 2 -102.7 psf N.G.	zone 3 -140.1 psf N.G.	zone 1 -90.2 psf N.G.	zone 2 -119.3 psf N.G.	zone 3 -156.7 psf N.G.	zone 1 -81.9 psf N.G.	zone 2 -90.2 psf N.G.	zone 3 -140.1 psf N.G.

Notes:

1. Allowable spacing is based on a Design Pressures listed in the FBC 2023 Approval, FL10999.4 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.

