

Roof Clip 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 | |
| 100D | Thickness 0.032" | -16 psf 5.00 | -28.2 psf 5.00 | -37.3 psf 4.00 | -50.9 psf 2.67 | -32.7 psf 4.33 | -43.3 psf 3.33 | -57 psf 2.33 | -29.7 psf 5.00 | -32.7 psf 4.33 | -50.9 psf 2.67 |
| 105D | Thickness 0.032" | -17.7 psf 5.00 | -31.1 psf 4.67 | -41.1 psf 3.33 | -56.2 psf 2.67 | -36.1 psf 4.00 | -47.8 psf 3.00 | -62.9 psf 2.33 | -32.8 psf 4.33 | -36.1 psf 4.00 | -56.2 psf 2.67 |
| 110D | Thickness 0.032" | -19.5 psf 5.00 | -34.2 psf 4.33 | -45.2 psf 3.00 | -61.7 psf 2.33 | -39.7 psf 3.67 | -52.5 psf 2.67 | -69 psf 2.00 | -36 psf 4.00 | -39.7 psf 3.67 | -61.7 psf 2.33 |
| 115D | Thickness 0.032" | -21.3 psf 5.00 | -37.4 psf 4.00 | -49.4 psf 3.00 | -67.5 psf 2.00 | -43.4 psf 3.33 | -57.4 psf 2.33 | -75.5 psf 1.67 | -39.4 psf 3.67 | -43.4 psf 3.33 | -67.5 psf 2.00 |
| 120D | Thickness 0.032" | -23.2 psf 5.00 | -40.7 psf 3.67 | -53.8 psf 2.67 | -73.5 psf 1.67 | -47.3 psf 3.00 | -62.6 psf 2.33 | -82.2 psf 1.33 | -42.9 psf 3.33 | -47.3 psf 3.00 | -73.5 psf 1.67 |
| 125D | Thickness 0.032" | -25.2 psf 5.00 | -44.2 psf 3.33 | -58.4 psf 2.33 | -79.8 psf 1.33 | -51.3 psf N.G. | -67.9 psf N.G. | -89.3 psf N.G. | -46.6 psf 3.00 | -51.3 psf 2.67 | -79.8 psf 1.33 |
| 130D | Thickness 0.032" | -27.3 psf 5.00 | -47.9 psf 3.00 | -63.2 psf 2.33 | -86.3 psf 1.00 | -55.5 psf N.G. | -73.5 psf N.G. | -96.6 psf N.G. | -50.4 psf 2.67 | -55.5 psf 2.67 | -86.3 psf 1.00 |
| 135D | Thickness 0.032" | -29.5 psf N.G. | -51.6 psf N.G. | -68.2 psf N.G. | -93.1 psf N.G. | -59.9 psf N.G. | -79.3 psf N.G. | -104.2 psf N.G. | -54.4 psf N.G. | -59.9 psf N.G. | -93.1 psf N.G. |

Notes:

1. Allowable spacing is based on a Design Pressures listed in the FBC 2023 Approval, FL10999.2 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.

