



Roof Fastener Spacing (feet)

| Wind Speed (mph) Exposure Category | Roof Slope: 0.5:12 to 1.5:12 | | | | Roof Slope: 1.5:12 to 6:12 | | | Roof Slope: 6:12 to 12:12 | | |
|---------------------------------------|------------------------------|-----------|-----------|------------|----------------------------|-----------|------------|---------------------------|-----------|-----------|
| | Thickness | Field | Edge | Corner | Field | Edge | Corner | Field | Edge | Corner |
| 120C | 0.032" | 3.00 | 2.50 | 1.50 | 3.00 | 2.50 | 1.75 | 3.00 | 3.00 | 3.00 |
| | | -20.7 psf | -34.9 psf | -52.7 psf | -18.9 psf | -33.1 psf | -49.1 psf | -20.7 psf | -24.2 psf | -24.2 psf |
| 130C | 0.032" | 3.00 | 2.00 | 1.25 | 3.00 | 2.25 | 1.50 | 3.00 | 3.00 | 3.00 |
| | | -24.3 psf | -41 psf | -61.9 psf | -22.2 psf | -38.9 psf | -57.7 psf | -24.3 psf | -28.5 psf | -28.5 psf |
| 140C | 0.032" | 3.00 | 1.75 | 1.25 | 3.00 | 1.75 | 1.25 | 3.00 | 2.50 | 2.50 |
| | | -28.2 psf | -47.6 psf | -71.8 psf | -25.8 psf | -45.2 psf | -67 psf | -28.2 psf | -33.1 psf | -33.1 psf |
| 150C | 0.032" | 2.75 | 1.50 | 1.00 | 3.00 | 1.50 | 1.00 | 2.75 | 2.25 | 2.25 |
| | | -32.5 psf | -54.7 psf | -82.5 psf | -29.7 psf | -51.9 psf | -76.9 psf | -32.5 psf | -38 psf | -38 psf |
| 160C | 0.032" | 2.25 | 1.25 | 0.75 | 2.50 | 1.50 | 1.00 | 2.25 | 2.00 | 2.00 |
| | | -37 psf | -62.3 psf | -93.9 psf | -33.8 psf | -59.1 psf | -87.5 psf | -37 psf | -43.3 psf | -43.3 psf |
| 170C | 0.032" | 2.00 | 1.25 | 0.75 | 2.25 | 1.25 | 0.75 | 2.00 | 1.75 | 1.75 |
| | | -41.8 psf | -70.3 psf | -106 psf | -38.2 psf | -66.8 psf | -98.9 psf | -41.8 psf | -48.9 psf | -48.9 psf |
| 180C | 0.032" | 1.75 | 1.00 | 0.75 | 2.00 | 1.00 | 0.75 | 1.75 | 1.50 | 1.50 |
| | | -46.9 psf | -78.9 psf | -118.9 psf | -42.9 psf | -74.9 psf | -110.9 psf | -46.9 psf | -54.9 psf | -54.9 psf |
| 190C | 0.032" | 1.50 | 1.00 | 0.50 | 1.75 | 1.00 | 0.50 | 1.50 | 1.25 | 1.25 |
| | | -52.3 psf | -87.9 psf | -132.5 psf | -47.8 psf | -83.5 psf | -123.6 psf | -52.3 psf | -61.2 psf | -61.2 psf |

Notes:

- Allowable spacing is based on a Design Pressures listed in the FBC 2017 Approval, FL11560.1 and determined by linear interpolation of those values. 1/3 increase is not included for wind. The fasteners and patterns are shown in the Approval.
- Allowable spacing is based on an applied load determined using ASCE 7-10 for the Wind Speeds, Wind Exposure Categories, "Roof Slopes, and Roof Zones shown, assuming 10 square feet of tributary area, Enclosed building, 3 or more span case, Topographic Factor of 1, and Mean Roof Height of 25 feet.
- Allowable spacing is determined for wind suction using the combination $0.6DL + 0.6W$. Also considered is the appropriate inward wind pressure, 20 psf live load and the weight of the panel.

① - FIELD
② - EDGE
③ - CORNER

A - LEAST OF 10% MINIMUM BUILDING WIDTH OR 40% OF ROOF MEAN HEIGHT BUT NOT LESS THAN 3'-0"