



18" Vertical Seam on 15/32" Plywood

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 |
| 120D | 24 ga | 4.00 | 2.67 | 1.67 | 4.00 | 3.00 | 2.00 | 4.00 | 4.00 | 4.00 |
| | | -24.2 psf | -41.2 psf | -62.3 psf | -22.1 psf | -39.1 psf | -58.1 psf | -24.2 psf | -28.5 psf | -28.5 psf |
| 130D | 24 ga | 4.00 | 2.33 | 1.33 | 4.00 | 2.33 | 1.67 | 4.00 | 3.33 | 3.33 |
| | | -28.6 psf | -48.5 psf | -73.3 psf | -26.1 psf | -46 psf | -68.3 psf | -28.6 psf | -33.6 psf | -33.6 psf |
| 140D | 24 ga | 3.33 | 2.00 | 1.00* | 3.67 | 2.00 | 1.00 | 3.33 | 3.00 | 3.00 |
| | | -33.3 psf | -56.3 psf | -85.1 psf | -30.4 psf | -53.4 psf | -79.4 psf | -33.3 psf | -39 psf | -39 psf |
| 150D | 24 ga | 3.00 | 1.67 | 1.00* | 3.33 | 1.67 | 1.00* | 3.00 | 2.67 | 2.67 |
| | | -38.3 psf | -64.8 psf | -97.8 psf | -35 psf | -61.4 psf | -91.2 psf | -38.3 psf | -44.9 psf | -44.9 psf |
| 160D | 24 ga | N.G. | N.G. | N.G. | 3.00 | 1.67 | 1.00* | 2.67 | 2.33 | 2.33 |
| | | -43.7 psf | -73.8 psf | -111.4 psf | -39.9 psf | -70 psf | -103.9 psf | -43.7 psf | -51.2 psf | -51.2 psf |
| 170D | 24 ga | N.G. | N.G. | N.G. | N.G. | N.G. | N.G. | 2.33 | 2.00 | 2.00 |
| | | -49.4 psf | -83.4 psf | -125.4 psf | -45.1 psf | -79.1 psf | -117.4 psf | -49.4 psf | -57.9 psf | -57.9 psf |
| 180D | 24 ga | N.G. | N.G. | N.G. | N.G. | N.G. | N.G. | 2.00 | 1.67 | 1.67 |
| | | -55.5 psf | -93.6 psf | -141.2 psf | -50.7 psf | -88.8 psf | -131.7 psf | -55.5 psf | -65 psf | -65 psf |
| 190D | 24 ga | N.G. | N.G. | N.G. | N.G. | N.G. | N.G. | 1.67 | 1.33 | 1.33 |
| | | -61.9 psf | -104.3 psf | -157.4 psf | -56.6 psf | -99 psf | -146.8 psf | -61.9 psf | -72.5 psf | -72.5 psf |

Notes:

- Allowable spacing is based on a Design Pressures listed in the FBC 2017 Approval, FL11560.11 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.

* - Indicates that SM 7108 Adhesive is required in the panel rib.
N.G. indicates the panel is not recommended for this application.

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"