



Classic Rib on 19/32" Plywood

Roof Fastener Spacing (feet)

Wind Speed (mph)
Exposure Category

120C

130C

140C

150C

160C

170C

180C

190C

Roof Slope: 0.5:12 to 1.5:12

| Thickness | Field | Edge | Corner |
|-----------|-------|------|--------|
| 26 ga | 3.00 | 3.00 | 3.00 |

| Thickness | Field | Edge | Corner |
|-----------|-------|------|--------|
| 26 ga | 3.00 | 3.00 | 3.00 |

| Thickness | Field | Edge | Corner |
|-----------|-------|------|--------|
| 26 ga | 3.00 | 3.00 | 3.00 |

| Thickness | Field | Edge | Corner |
|-----------|-------|------|--------|
| 26 ga | 3.00 | 3.00 | 2.50 |

| Thickness | Field | Edge | Corner |
|-----------|-------|------|--------|
| 26 ga | 3.00 | 3.00 | 1.75 |

| Thickness | Field | Edge | Corner |
|-----------|-------|------|--------|
| 26 ga | 3.00 | 3.00 | 1.50 |

| Thickness | Field | Edge | Corner |
|-----------|-------|------|--------|
| 26 ga | 3.00 | 2.75 | 1.50 |

| Thickness | Field | Edge | Corner |
|-----------|-------|------|--------|
| 26 ga | 3.00 | 2.25 | 1.50 |

Roof Slope: 1.5:12 to 6:12

| Field | Edge | Corner |
|-------------------|-------------------|-------------------|
| -18.7 psf 3.00 | -32.9 psf 3.00 | -48.9 psf 3.00 |

| Field | Edge | Corner |
|-----------------|-------------------|-------------------|
| -22 psf 3.00 | -38.7 psf 3.00 | -57.5 psf 3.00 |

| Field | Edge | Corner |
|-------------------|-----------------|-------------------|
| -25.5 psf 3.00 | -45 psf 3.00 | -66.8 psf 3.00 |

| Field | Edge | Corner |
|-------------------|-------------------|-------------------|
| -29.5 psf 3.00 | -51.7 psf 3.00 | -76.7 psf 2.75 |

| Field | Edge | Corner |
|-------------------|-------------------|-------------------|
| -33.6 psf 3.00 | -58.9 psf 3.00 | -87.4 psf 2.25 |

| Field | Edge | Corner |
|-----------------|-------------------|-------------------|
| -38 psf 3.00 | -66.6 psf 3.00 | -98.7 psf 1.75 |

| Field | Edge | Corner |
|-------------------|-------------------|--------------------|
| -42.7 psf 3.00 | -74.7 psf 3.00 | -110.7 psf 1.50 |

| Field | Edge | Corner |
|-------------------|-------------------|--------------------|
| -47.6 psf 3.00 | -83.3 psf 2.50 | -123.4 psf 1.50 |

Roof Slope: 6:12 to 12:12

| Field | Edge | Corner |
|-------------------|-----------------|-------------------|
| -20.5 psf 3.00 | -24 psf 3.00 | -28.3 psf 3.00 |

| Field | Edge | Corner |
|-------------------|-------------------|-------------------|
| -24.1 psf 3.00 | -28.3 psf 3.00 | -28.3 psf 3.00 |

| Field | Edge | Corner |
|-------------------|-------------------|-------------------|
| -28.1 psf 3.00 | -32.9 psf 3.00 | -32.9 psf 3.00 |

| Field | Edge | Corner |
|-------------------|-------------------|-------------------|
| -32.3 psf 3.00 | -37.8 psf 3.00 | -37.8 psf 3.00 |

| Field | Edge | Corner |
|-------------------|-------------------|-------------------|
| -36.8 psf 3.00 | -43.1 psf 3.00 | -43.1 psf 3.00 |

| Field | Edge | Corner |
|-------------------|-------------------|-------------------|
| -41.6 psf 3.00 | -48.7 psf 3.00 | -48.7 psf 3.00 |

| Field | Edge | Corner |
|-------------------|-------------------|-------------------|
| -46.7 psf 3.00 | -54.7 psf 3.00 | -54.7 psf 3.00 |

| Field | Edge | Corner |
|-------------------|-----------------|-----------------|
| -52.1 psf 3.00 | -61 psf 3.00 | -61 psf 3.00 |

Notes:

1. Allowable spacing is based on a Design Pressures listed in the FBC 2017 Approval, FL14645.9 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.

2. 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.

3. 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"

