



Classic Rib on 19/32" Plywood

Roof Fastener Spacing (feet)

Wind Speed (mph)
Exposure Category

120C

Roof Slope: 0.5:12 to 1.5:12

Thickness	Field	Edge	Corner
26 ga	3.00	3.00	3.00

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

Roof Slope: 6:12 to 12:12

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

130C

Thickness	Field	Edge	Corner
26 ga	-24.1 psf 3.00	-40.8 psf 3.00	-61.7 psf 3.00

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

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

140C

Thickness	Field	Edge	Corner
26 ga	-28.1 psf 3.00	-47.4 psf 3.00	-71.6 psf 3.00

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

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

150C

Thickness	Field	Edge	Corner
26 ga	-32.3 psf 3.00	-54.5 psf 3.00	-82.3 psf 2.50

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

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

160C

Thickness	Field	Edge	Corner
26 ga	-36.8 psf 3.00	-62.1 psf 3.00	-93.7 psf 1.75

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

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

170C

Thickness	Field	Edge	Corner
26 ga	-41.6 psf 3.00	-70.1 psf 3.00	-105.8 psf 1.50

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

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

180C

Thickness	Field	Edge	Corner
26 ga	-46.7 psf 3.00	-78.7 psf 2.75	-118.7 psf 1.50

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

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

190C

Thickness	Field	Edge	Corner
26 ga	-52.1 psf 3.00	-87.7 psf 2.25	-132.3 psf 1.50

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

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"

