



Classic Rib 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
120C	29 ga	4.00	4.00	3.00	4.00	4.00	3.25	4.00	4.00	4.00
		-20.6 psf	-34.8 psf	-52.6 psf	-18.8 psf	-33 psf	-49 psf	-20.6 psf	-24.2 psf	-24.2 psf
130C	29 ga	4.00	4.00	2.50	4.00	4.00	2.75	4.00	4.00	4.00
		-24.2 psf	-40.9 psf	-61.8 psf	-22.2 psf	-38.8 psf	-57.6 psf	-24.2 psf	-28.4 psf	-28.4 psf
140C	29 ga	4.00	3.25	1.75	4.00	3.50	2.00	4.00	4.00	4.00
		-28.2 psf	-47.5 psf	-71.7 psf	-25.8 psf	-45.1 psf	-66.9 psf	-28.2 psf	-33 psf	-33 psf
150C	29 ga	4.00	3.00	1.00	4.00	3.00	1.50	4.00	4.00	4.00
		-32.4 psf	-54.6 psf	-82.4 psf	-29.6 psf	-51.8 psf	-76.8 psf	-32.4 psf	-37.9 psf	-37.9 psf
160C	29 ga	N.G.	N.G.	N.G.	4.00	2.75	0.75	4.00	3.75	3.75
		-36.9 psf	-62.2 psf	-93.8 psf	-33.7 psf	-59 psf	-87.5 psf	-36.9 psf	-43.2 psf	-43.2 psf
170C	29 ga	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	3.75	3.25	3.25
		-41.7 psf	-70.2 psf	-105.4 psf	-38.1 psf	-66.7 psf	-98.8 psf	-41.7 psf	-48.8 psf	-48.8 psf
180C	29 ga	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	3.50	3.00	3.00
		-46.8 psf	-78.8 psf	-118.8 psf	-42.8 psf	-74.8 psf	-110.8 psf	-46.8 psf	-54.8 psf	-54.8 psf
190C	29 ga	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	3.00	2.50	2.50
		-52.2 psf	-87.8 psf	-132.4 psf	-47.7 psf	-83.4 psf	-123.5 psf	-52.2 psf	-61.1 psf	-61.1 psf

Notes:

1. Allowable spacing is based on a Design Pressures listed in the FBC 2017 Approval, FL14645.8 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.

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"

