

Classic Rib on 2x Purlins

Roof Fastener Spacing (feet)

Wind Speed (mph) Exposure Category

120C

Roof Slope: 0.5:12 to 1.5:12			
	Field	Edge	Corner
Thickness	-20.6 psf	-34.8 psf	-52.6 psf
29 ga	2.00	2.00	2.00

Roof Slope: 1.5:12 to 6:12			
Field	Edge	Corner	
-18.8 psf	-33 psf	-49 psf	
2.00	2.00	2.00	

Roof Slope: 6:12 to 12:12			
Field	Edge	Corner	
-20.6 psf	-24.2 psf	-24.2 psf	
2.00	2.00	2.00	

130C

	Field	Edge	Corner
Thickness	-24.2 psf	-40.9 psf	-61.8 psf
29 ga	2.00	2.00	2.00

Field	Edge	Corner
-22.2 psf	-38.8 psf	-57.6 psf
2.00	2.00	2.00

Field	Edge	Corner
-24.2 psf	-28.4 psf	-28.4 psf
2.00	2.00	2.00

140C

	Field	Edge	Corner
Thickness	-28.2 psf	-47.5 psf	-71.7 psf
29 ga	2.00	2.00	2.00
29 ga	2.00	2.00	2.00

Field	Edge	Corner
-25.8 psf	-45.1 psf	-66.9 psf
2.00	2.00	2.00

Field	Edge	Corner
-28.2 psf	-33 psf	-33 psf
2.00	2.00	2.00

150C

	Field	Edge	Corner
Thickness	-32.4 psf	-54.6 psf	-82.4 psf
29 ga	2.00	2.00	2.00

Field	Edge	Corner
-29.6 psf	-51.8 psf	-76.8 psf
2.00	2.00	2.00

Field	Edge	Corner
-32.4 psf	-37.9 psf	-37.9 psf
2.00	2.00	2.00

160C

	Field	Edge	Corner
Thickness	-36.9 psf	-62.2 psf	-93.8 psf
29 ga	2.00	2.00	2.00

Field	Edge	Corner
-33.7 psf	-59 psf	-87.5 psf
2.00	2.00	2.00

Field	Edge	Corner
-36.9 psf	-43.2 psf	-43.2 psf
2.00	2.00	2.00

170C

	Field	Edge	Corner
Thickness	-41.7 psf	-70.2 psf	-105.9 psf
29 ga	2.00	2.00	2.00

- 1	Field	Edge	Corner
ı	-38.1 psf	-66.7 psf	-98.8 psf
I	2.00	2.00	2.00

Field	Edge	Corner
-41.7 psf	-48.8 psf	-48.8 psf
2.00	2.00	2.00

180C

- 1	Field	Edge	Corner
Thickness	-46.8 psf	-78.8 psf	-118.8 psf
29 ga	2.00	2.00	2.00

Field	Edge	Corner
-42.8 psf	-74.8 psf	-110.8 ps
2.00	2.00	2.00

Field	Edge	Corner
-46.8 psf	-54.8 psf	-54.8 psf
2.00	2.00	2.00

190C

	Field	Edge	Corner
Thickness	-52.2 psf	-87.8 psf	-132.4 psf
29 ga	N.G.	N.G.	N.G.

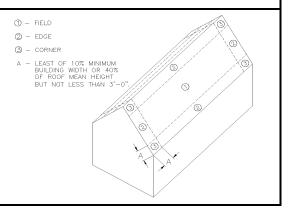
Field	Edge	Corner
	-83.4 psf	
2.00	2.00	2.00

Field	Edge	Corner
-52.2 psf	-61.1 psf	-61.1 psf
2.00	2.00	2.00

Notes

 Allowable spacing is based on a Design Pressures listed in the FBC 2017 Approval, FL10999.4 and determined by linear interpolation of those values. 1/3 increase is not included for wind. The fasteners and patters 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.
- 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.