



Classic Rib on 16 ga Purlins

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	26 ga	4.00	-34.7 psf	-52.5 psf	4.00	-32.9 psf	-48.9 psf	4.00	-24 psf	4.00
130C	26 ga	4.00	-40.8 psf	-61.7 psf	4.00	-38.7 psf	-57.5 psf	4.00	-28.3 psf	4.00
140C	26 ga	4.00	-47.4 psf	-71.6 psf	4.00	-45 psf	-66.8 psf	4.00	-32.9 psf	4.00
150C	26 ga	4.00	-54.5 psf	-82.3 psf	4.00	-51.7 psf	-76.7 psf	4.00	-37.8 psf	4.00
160C	26 ga	4.00	-62.1 psf	-93.7 psf	4.00	-58.9 psf	-87.4 psf	4.00	-43.1 psf	4.00
170C	26 ga	4.00	-70.1 psf	-105.8 psf	4.00	-66.6 psf	-98.7 psf	4.00	-48.7 psf	4.00
180C	26 ga	4.00	-78.7 psf	-118.7 psf	4.00	-74.7 psf	-110.7 psf	4.00	-54.7 psf	4.00
190C	26 ga	4.00	-87.7 psf	-132.3 psf	4.00	-83.3 psf	-123.4 psf	4.00	-61 psf	4.00

Notes:

- Allowable spacing is based on a Design Pressures listed in the FBC 2017 Approval, FL10999.3 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.

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"