



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	
120D	Thickness 26 ga	Field 4.00 Edge 4.00 Corner 3.75	Field 4.00 Edge 4.00 Corner 4.00	Field 4.00 Edge 4.00 Corner 4.00
	Thickness 26 ga	Field -24.5 psf Edge -41.4 psf Corner -62.6 psf	Field -22.4 psf Edge -39.3 psf Corner -58.4 psf	Field -24.5 psf Edge -28.7 psf Corner -28.7 psf
130D	Thickness 26 ga	Field 4.00 Edge 4.00 Corner 3.25	Field 4.00 Edge 4.00 Corner 3.50	Field 4.00 Edge 4.00 Corner 4.00
	Thickness 26 ga	Field -28.8 psf Edge -48.7 psf Corner -73.6 psf	Field -26.4 psf Edge -46.2 psf Corner -68.6 psf	Field -28.8 psf Edge -33.8 psf Corner -33.8 psf
140D	Thickness 26 ga	Field 4.00 Edge 4.00 Corner 2.75	Field 4.00 Edge 4.00 Corner 3.00	Field 4.00 Edge 4.00 Corner 4.00
	Thickness 26 ga	Field -33.5 psf Edge -56.6 psf Corner -85.4 psf	Field -30.6 psf Edge -53.7 psf Corner -79.6 psf	Field -33.5 psf Edge -39.3 psf Corner -39.3 psf
150D	Thickness 26 ga	Field 4.00 Edge 3.75 Corner 2.25	Field 4.00 Edge 3.75 Corner 2.50	Field 4.00 Edge 4.00 Corner 4.00
	Thickness 26 ga	Field -38.6 psf Edge -65 psf Corner -98.1 psf	Field -35.2 psf Edge -61.7 psf Corner -91.5 psf	Field -38.6 psf Edge -45.2 psf Corner -45.2 psf
160D	Thickness 26 ga	Field 4.00 Edge 3.25 Corner 2.00	Field 4.00 Edge 3.25 Corner 2.25	Field 4.00 Edge 4.00 Corner 4.00
	Thickness 26 ga	Field -43.9 psf Edge -74 psf Corner -111.7 psf	Field -40.2 psf Edge -70.3 psf Corner -104.1 psf	Field -43.9 psf Edge -51.5 psf Corner -51.5 psf
170D	Thickness 26 ga	Field 4.00 Edge 2.75 Corner 2.00	Field 4.00 Edge 3.00 Corner 2.00	Field 4.00 Edge 4.00 Corner 4.00
	Thickness 26 ga	Field -49.7 psf Edge -83.6 psf Corner -126.1 psf	Field -45.4 psf Edge -79.4 psf Corner -117.6 psf	Field -49.7 psf Edge -58.2 psf Corner -58.2 psf
180D	Thickness 26 ga	Field N.G. Edge N.G. Corner N.G.	Field 4.00 Edge 2.50 Corner 2.00	Field 4.00 Edge 3.75 Corner 3.75
	Thickness 26 ga	Field -55.7 psf Edge -93.8 psf Corner -141.5 psf	Field -51 psf Edge -89.1 psf Corner -131.9 psf	Field -55.7 psf Edge -65.3 psf Corner -65.3 psf
190D	Thickness 26 ga	Field N.G. Edge N.G. Corner N.G.	Field N.G. Edge N.G. Corner N.G.	Field 3.75 Edge 3.25 Corner 3.25
	Thickness 26 ga	Field -62.1 psf Edge -104.6 psf Corner -157.7 psf	Field -56.8 psf Edge -99.3 psf Corner -147.1 psf	Field -62.1 psf Edge -72.8 psf Corner -72.8 psf

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.

N.G. indicates the panel is not recommended for this application.

① FIF D
 ② FDF F
 ③ CORNER
 A LENGTH OF 8'-0" MAY VARY BUT IS NOT LESS THAN 8'-0" OF FASTENER SPACING BUT NOT LESS THAN 8'-0"