



Classic Rib on 2x 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
120D	29 ga	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
		-24.6 psf	-41.5 psf	-62.7 psf	-22.5 psf	-39.4 psf	-58.5 psf	-24.6 psf	-28.8 psf	-28.8 psf
130D	29 ga	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
		-28.9 psf	-48.8 psf	-73.7 psf	-26.5 psf	-46.3 psf	-68.7 psf	-28.9 psf	-33.9 psf	-33.9 psf
140D	29 ga	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
		-33.6 psf	-56.7 psf	-85.5 psf	-30.7 psf	-53.8 psf	-79.7 psf	-33.6 psf	-39.4 psf	-39.4 psf
150D	29 ga	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
		-38.7 psf	-65.1 psf	-98.2 psf	-35.3 psf	-61.8 psf	-91.6 psf	-38.7 psf	-45.3 psf	-45.3 psf
160D	29 ga	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
		-44 psf	-74.1 psf	-111.8 psf	-40.3 psf	-70.4 psf	-104.2 psf	-44 psf	-51.6 psf	-51.6 psf
170D	29 ga	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
		-49.8 psf	-83.7 psf	-126.2 psf	-45.5 psf	-79.5 psf	-117.7 psf	-49.8 psf	-58.3 psf	-58.3 psf
180D	29 ga	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	2.00	2.00	2.00
		-55.8 psf	-93.9 psf	-141.6 psf	-51.1 psf	-89.2 psf	-132 psf	-55.8 psf	-65.4 psf	-65.4 psf
190D	29 ga	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	2.00	2.00	2.00
		-62.2 psf	-104.7 psf	-157.8 psf	-56.9 psf	-99.4 psf	-147.2 psf	-62.2 psf	-72.9 psf	-72.9 psf

Notes:

1. 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 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.