



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 |
| 130D | 29 ga | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 |
| 140D | 29 ga | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 |
| 150D | 29 ga | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 |
| 160D | 29 ga | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 |
| 170D | 29 ga | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 |
| 180D | 29 ga | N.G. | N.G. | N.G. | N.G. | N.G. | N.G. | 2.00 | 2.00 | 2.00 |
| 190D | 29 ga | N.G. | N.G. | N.G. | N.G. | N.G. | N.G. | 2.00 | 2.00 | 2.00 |

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.

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"