



# R-Panel on 15/32" Plywood

## 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	26 ga	4.00	-41.4 psf	-62.6 psf	4.00	3.00	-58.4 psf	4.00	4.00	4.00
130D	26 ga	4.00	-48.7 psf	-73.6 psf	4.00	2.50	-68.6 psf	4.00	3.50	3.50
140D	26 ga	3.50	-56.6 psf	-85.4 psf	3.75	2.00	-79.6 psf	3.50	3.00	3.00
150D	26 ga	3.00	-65 psf	-98.1 psf	3.25	1.75	-91.5 psf	3.00	2.50	2.50
160D	26 ga	2.50	-74 psf	-111.7 psf	2.75	1.50	-104.1 psf	2.50	2.25	2.25
170D	26 ga	2.25	-83.6 psf	-126.1 psf	2.50	1.50	-117.6 psf	2.25	2.00	2.00
180D	26 ga	N.G.	-93.8 psf	-141.5 psf	N.G.	N.G.	-131.9 psf	2.00	1.75	1.75
190D	26 ga	N.G.	-104.6 psf	-157.7 psf	N.G.	N.G.	-147 psf	1.75	1.50	1.50

**Notes:**

- Allowable spacing is based on a Design Pressures listed in the FBC 2017 Approval, FL14645.13 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 - FIELD

② - EDGE

③ - CORNER

A - LEAST OF 10% MINIMUM BUILDING WIDTH OR 40% OF ROOF MEAN HEIGHT BUT NOT LESS THAN 3'-0"