

TT3

R-Panel on 15/32" Plywood

Roof Fastener Spacing (feet)

Wind Speed (mph) Exposure Category

120C

Roof Slope: 0.5:12 to 1.5:12						
Field Edge Corner						
-20.5 psf	-34.7 psf	-52.5 psf				
4.00	3.25	2.25				
	Field	Field Edge -20.5 psf -34.7 psf				

Roof Slope: 1.5:12 to 6:12			
Field	Edge	Corner	
-18.7 psf	-32.9 psf	-48.9 psf	
4.00	3.50	2.25	

Roof Slope: 6:12 to 12:12				
Field	Edge	Corner		
-20.5 psf	-24 psf	-24 psf		
4.00	4.00	4.00		

130C

	Field	Edge	Corner
Thickness	-24.1 psf	-40.8 psf	-61.7 psf
26 ga	4.00	2.75	1.75

Field	Edge	Corner
-24.1 psf	-28.3 psf	-28.3 psf
4.00	4.00	4.00

140C

Thickness -28.1 psf -47.4 psf -71.6 psf 26 ga 4.00 2.50 1.50		Field	Edge	Corner
26 ga 4.00 2.50 1.50	Thickness	-28.1 psf	-47.4 psf	-71.6 psf
	26 ga	4.00	2.50	1.50

Field	Edge	Corner
-25.6 psf	-45 psf	-66.8 psf
4.00	2.50	1.75

Field	Edge	Corner
-28.1 psf	-32.9 psf	-32.9 psf
4.00	3.50	3.50

150C

	Field	Edge	Corner
Thickness	-32.3 psf	-54.5 psf	-82.3 psf
26 ga	3.50	2.00	1.25

Field	Edge	Corner
-29.5 psf	-51.7 psf	-76.7 psf
4.00	2.25	1.50

Field	Edge	Corner
-32.3 psf	-37.8 psf	-37.8 psf
3.50	3.00	3.00

160C

	Field	Edge	Corner
Thickness	-36.8 psf	-62.1 psf	-93.7 psf
26 ga	3.25	1.75	1.25

Field	Edge	Corner
-33.6 psf	-58.9 psf	-87.3 psf
3.50	2.00	1.25

Field	Edge	Corner
-36.8 psf	-43.1 psf	-43.1 psf
3.25	2.75	2.75

170C

	Field	Edge	Corner
Thickness	-41.6 psf	-70.1 psf	-105.8 psf
26 ga	2.75	1.50	1.00

Field	Edge	Corner
-38 psf	-66.6 psf	-98.7 psf
3.00	1.75	1.00

Field	Edge	Corner
-41.6 psf	-48.7 psf	-48.7 psf
2.75	2.25	2.25

180C

	Field	Edge	Corner
Thickness	-46.7 psf	-78.7 psf	-118.7 psf
26 ga	2.50	1.50	0.75

Field	Edge	Corner
-42.7 psf	-74.7 psf	-110.7 psf
2.75	1.50	1.00

Field	Edge	Corner
-46.7 psf	-54.7 psf	-54.7 psf
2.50	2.00	2.00

190C

	Field	Edge	Corner
Thickness	-52.1 psf	-87.7 psf	-132.3 psf
26 ga	N.G.	N.G.	N.G.

١	Field	Edge	Corner
	-47.6 psf	-83.3 psf	-123.4 psf
	2.50	1.25	0.75

Field	Edge	Corner
-52.1 psf	-61 psf	-61 psf
2.25	1.75	1.75

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 patters 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.
- 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 WOTH OR 40% OF ROOF MEAN HEIGHT BUT NOT LESS THAN 3'-0".

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