



16" Vertical Seam on 15/32" Plywood

Roof Fastener Spacing (feet)

Wind Speed (mph)
Exposure Category

120C

Roof Slope: 0.5:12 to 1.5:12			
Thickness	Field	Edge	Corner
24 ga	4.00	3.67	2.67

Roof Slope: 1.5:12 to 6:12		
Field	Edge	Corner
-18.4 psf 4.00	-32.7 psf 3.67	-48.6 psf 3.00

Roof Slope: 6:12 to 12:12		
Field	Edge	Corner
-20.2 psf 4.00	-23.8 psf 4.00	-23.8 psf 4.00

130C

Thickness	Field	Edge	Corner
24 ga	-23.9 psf 4.00	-40.5 psf 3.33	-61.4 psf 2.00

Field	Edge	Corner
-21.8 psf 4.00	-38.5 psf 3.33	-57.2 psf 2.67

Field	Edge	Corner
-23.9 psf 4.00	-28 psf 4.00	-23.8 psf 4.00

140C

Thickness	Field	Edge	Corner
24 ga	-27.8 psf 4.00	-47.1 psf 3.00	-71.3 psf 2.00

Field	Edge	Corner
-25.4 psf 4.00	-44.7 psf 3.00	-66.5 psf 2.00

Field	Edge	Corner
-27.8 psf 4.00	-32.6 psf 3.67	-32.6 psf 3.67

150C

Thickness	Field	Edge	Corner
24 ga	-32 psf 3.67	-54.2 psf 2.67	-82 psf 1.67

Field	Edge	Corner
-29.2 psf 4.00	-51.4 psf 3.00	-76.4 psf 1.67

Field	Edge	Corner
-32 psf 3.67	-37.6 psf 3.33	-37.6 psf 3.33

160C

Thickness	Field	Edge	Corner
24 ga	-36.5 psf 3.67	-61.8 psf 2.00	-93.4 psf 1.33

Field	Edge	Corner
-33.4 psf 3.67	-58.6 psf 2.67	-87.1 psf 1.33

Field	Edge	Corner
-36.5 psf 3.67	-42.8 psf 3.33	-42.8 psf 3.33

170C

Thickness	Field	Edge	Corner
24 ga	-41.3 psf 3.33	-69.9 psf 2.00	-105.5 psf 0.67

Field	Edge	Corner
-37.8 psf 3.33	-66.3 psf 2.00	-98.4 psf 1.00

Field	Edge	Corner
-41.3 psf 3.33	-48.5 psf 3.00	-48.5 psf 3.00

180C

Thickness	Field	Edge	Corner
24 ga	-46.4 psf N.G.	-78.4 psf N.G.	-118.4 psf N.G.

Field	Edge	Corner
-42.4 psf 3.33	-74.4 psf 1.67	-110.4 psf 0.67

Field	Edge	Corner
-46.4 psf 3.00	-54.4 psf 2.67	-54.4 psf 2.67

190C

Thickness	Field	Edge	Corner
24 ga	-51.8 psf N.G.	-87.5 psf N.G.	-132 psf N.G.

Field	Edge	Corner
-47.4 psf N.G.	-83 psf N.G.	-123.1 psf N.G.

Field	Edge	Corner
-51.8 psf 2.67	-60.7 psf 2.00	-60.7 psf 2.00

Notes:

1. Allowable spacing is based on a Design Pressures listed in the FBC 2017 Approval, FL11560.10 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"

