



# 16" Vertical Seam on 19/32" Plywood

## Roof Fastener Spacing (feet)

Wind Speed (mph)  
Exposure Category

120D

Roof Slope: 0.5:12 to 1.5:12			
Thickness	Field	Edge	Corner
0.032"	3.00	3.00	1.67

Roof Slope: 1.5:12 to 6:12		
Field	Edge	Corner
-22.5 psf 3.00	-39.4 psf 3.00	-58.5 psf 2.00

Roof Slope: 6:12 to 12:12		
Field	Edge	Corner
-24.6 psf 3.00	-28.8 psf 3.00	-28.8 psf 3.00

130D

Thickness	Field	Edge	Corner
0.032"	3.00	2.33	1.67

Field	Edge	Corner
-26.5 psf 3.00	-46.3 psf 2.67	-68.7 psf 1.67

Field	Edge	Corner
-28.9 psf 3.00	-33.9 psf 3.00	-33.9 psf 3.00

140D

Thickness	Field	Edge	Corner
0.032"	3.00	2.00	1.33

Field	Edge	Corner
-30.8 psf 3.00	-53.8 psf 2.00	-79.7 psf 1.33

Field	Edge	Corner
-33.6 psf 3.00	-39.4 psf 3.00	-39.4 psf 3.00

150D

Thickness	Field	Edge	Corner
0.032"	3.00	1.67	1.00

Field	Edge	Corner
-35.4 psf 3.00	-61.8 psf 2.00	-91.6 psf 1.00

Field	Edge	Corner
-38.7 psf 3.00	-45.3 psf 2.67	-45.3 psf 2.67

160D

Thickness	Field	Edge	Corner
0.032"	2.67	1.67	1.00*

Field	Edge	Corner
-40.3 psf 3.00	-70.4 psf 1.67	-104.3 psf 1.00*

Field	Edge	Corner
-44 psf 2.67	-51.6 psf 2.33	-51.6 psf 2.33

170D

Thickness	Field	Edge	Corner
0.032"	2.33	1.33	1.00*

Field	Edge	Corner
-45.5 psf 2.67	-79.5 psf 1.33	-117.7 psf 1.00*

Field	Edge	Corner
-49.8 psf 2.33	-58.3 psf 2.00	-58.3 psf 2.00

180D

Thickness	Field	Edge	Corner
0.032"	2.00	1.00	1.00*

Field	Edge	Corner
-51.1 psf 2.33	-89.2 psf 1.33	-132 psf 1.00*

Field	Edge	Corner
-55.8 psf 2.00	-65.4 psf 1.67	-65.4 psf 1.67

190D

Thickness	Field	Edge	Corner
0.032"	2.00	1.00*	1.00*

Field	Edge	Corner
-56.9 psf 2.00	-99.4 psf 1.00	-147.2 psf 1.00*

Field	Edge	Corner
-62.3 psf 2.00	-72.9 psf 1.67	-72.9 psf 1.67

**Notes:**

1. Allowable spacing is based on a Design Pressures listed in the FBC 2017 Approval, FL14645.7 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.

\* - Indicates that Support Straps must be installed per the Approval.

- 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"

