

## TI3

## **5V-Crimp** on 19/32" Plywood

## Roof Fastener Spacing (feet)

Wind Speed (mph) Exposure Category

120D

Roof Slope: 0.5:12 to 1.5:12			
Field	Edge	Corner	
-24.5 psf	-41.4 psf	-62.6 psf	
2.00	2.00	2.00	
	Field -24.5 psf	Field Edge -24.5 psf -41.4 psf	

Roof Slope: 1.5:12 to 6:12		
Field	Edge	Corner
-22.4 psf	-39.3 psf	-58.4 psf
2.00	2.00	2.00

Roof Slope: 6:12 to 12:12				
Field	Edge	Corner		
-24.5 psf	-28.7 psf	-28.7 psf		
2.00	2.00	2.00		

130D

	Field	Edge	Corner
Thickness	-28.8 psf	-48.7 psf	-73.6 psf
26 ga	2.00	2.00	2.00

Field	Edge	Corner
-26.4 psf	-46.2 psf	-68.6 psf
2.00	2.00	2.00

Field	Edge	Corner
-28.8 psf	-33.8 psf	-33.8 psf
2.00	2.00	2.00

140D

	Field	Edge	Corner
Thickness	-33.5 psf	-56.6 psf	-85.4 psf
26 ga	2.00	2.00	1.75
20 ya	2.00	2.00	1.75

Field	Edge	Corner
-30.6 psf	-53.7 psf	-79.6 psf
2.00	2.00	2.00

Field	Edge	Corner
-33.5 psf	-39.3 psf	-39.3 psf
2.00	2.00	2.00

150D

	Field	Edge	Corner
Thickness	-38.6 psf	-65 psf	-98.1 psf
26 ga	2.00	2.00	1.75

Field	Edge	Corner
-35.3 psf	-61.7 psf	-91.5 psf
2.00	2.00	1.75

Field	Edge	Corner
-38.6 psf	-45.2 psf	-45.2 psf
2.00	2.00	2.00

160D

	Field	Edge	Corner
Thickness	-43.9 psf	-74 psf	-111.7 psf
26 ga	2.00	2.00	1.50

Field	Edge	Corner
-40.2 psf	-70.3 psf	-104.1 psf
2.00	2.00	1.75

Field	Edge	Corner
-43.9 psf	-51.5 psf	-51.5 psf
2 00	2 00	2 00

170D

	Field	Edge	Corner
Thickness	-49.7 psf	-83.6 psf	-126.1 psf
26 ga	2.00	2.00	1.50

Field	Edge	Corner
-45.4 psf	-79.4 psf	-117.6 ps
2.00	2.00	1.50

Field	Edge	Corner
-49.7 psf	-58.2 psf	-58.2 psf
2.00	2.00	2.00

180D

	Field	Edge	Corner
Thickness	-55.7 psf	-93.8 psf	-141.5 psf
26 ga	2.00	1.75	1.00

Field	Edge	Corner
-51 psf	-89.1 psf	-131.9 psi
2.00	1.75	1.25

Field	Edge	Corner
-55.7 psf	-65.3 psf	-65.3 psf
2.00	2.00	2.00

190D

	Field	Edge	Corner
Thickness	-62.1 psf	-104.6 psf	-157.7 psf
26 ga	N.G.	N.G.	N.G.

Field	Edge	Corner
-56.8 psf	-99.3 psf	-147.1 psf
2.00	1.75	1.00

Field	Edge	Corner
-62.1 psf	-72.8 psf	-72.8 psf
2.00	2.00	2.00

1. Allowable spacing is based on a Design Pressures listed in the FBC 2017 Approval, FL14645.2 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.
- 3. Allowable spacing is determined for wind suction using the combination 0.6DL + 0.6W. Also considered is the appropriate

① - FIELD ② - EDGE 3 - CORNER LEAST OF 10% MINIMUM BUILDING WIDTH OR 40% OF ROOF MEAN HEIGHT BUT NOT LESS THAN 3'-0"

inward wind pressure, 20 psf live load and the weight of the panel.

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