



Seam-Loc 24 on 16 ga Purlins

Roof Fastener Spacing (feet)

Wind Speed (mph) Exposure Category

110D

Roof Slope: 0.5:12 to 1.5:12			
Field	Edge	Corner	
-20.3 psf	-34.6 psf	-52.4 psf	
5.00	5.00	5.00	
	Field -20.3 psf	Field Edge -20.3 psf -34.6 psf	

Roof Slope: 1.5:12 to 6:12		
Field	Edge	Corner
-18.6 psf	-32.8 psf	-48.8 psf
5.00	5.00	5.00

Roof Slope: 6:12 to 12:12			
Field	Edge	Corner	
-20.3 psf	-23.9 psf	-23.9 psf	
5.00	5.00	5.00	

120D

	Field	Edge	Corner
Thickness	-24.3 psf	-41.3 psf	-62.4 psf
24 ga	5.00	5.00	4.00
J .			

Field	Edge	Corner
-22.2 psf	-39.1 psf	-58.2 psf
5.00	5.00	4.33

Field	Edge	Corner
-24.3 psf	-28.6 psf	-28.6 psf
5.00	5.00	5.00

130D

Thickness -28.7 psf -48.5 psf -73.4 psf 24 ga 5.00 5.00 3.33		Field	Edge	Corner
24 ga 5.00 5.00 3.33	Thickness	-28.7 psf	-48.5 psf	-73.4 psf
	24 ga	5.00	5.00	3.33

Field	Edge	Corner
-26.2 psf	-46.1 psf	-68.4 psf
5.00	5.00	3.67

Field	Edge	Corner
-28.7 psf	-33.6 psf	-33.6 psf
5.00	5.00	5.00

140D

	Field	Edge	Corner
Thickness	-33.3 psf	-56.4 psf	-85.2 psf
24 ga	5.00	4.67	3.00

Field	Edge	Corner
-30.5 psf	-53.5 psf	-79.4 psf
5.00	4.67	3.33

Field	Edge	Corner
-33.3 psf	-39.1 psf	-39.1 psf
5.00	5.00	5.00

150D

	Field	Edge	Corner
Thickness	-38.4 psf	-64.8 psf	-97.9 psf
24 ga	5.00	4.00	2.67

Field	Edge	Corner
-35.1 psf	-61.5 psf	-91.3 psf
5.00	4.33	2.67

Field	Edge	Corner
-38.4 psf	-45 psf	-45 psf
5.00	5.00	

160D

	Field	Edge	Corner
Thickness	-43.8 psf	-73.9 psf	-111.5 psf
24 ga	5.00	3.33	2.33

Г	Field	Edge	Corner
	-40 psf	-70.1 psf	-104 psf
I	5.00	3.67	2.33

Field	Edge	Corner
-43.8 psf	-51.3 psf	-51.3 psf
5.00	5.00	5.00

170D

	Field	Edge	Corner
Thickness	-49.5 psf	-83.5 psf	-125.9 psf
24 ga	5.00	3.00	2.00

Field	Edge	Corner
-45.2 ps	f -79.2 psf	-117.5 ps
5.00	3.33	2.00

Field	Edge	Corner
-49.5 psf	-58 psf	-58 psf
5.00	4.33	4.33

180D

	Field	Edge	Corner
Thickness			
24 ga	N.G.	N.G.	N.G.

Field	Edge	Corner
-50.8 psf	9-	-131.8 psf
N.G.	N.G.	N.G.

Field	Edge	Corner
-55.5 psf	-65.1 psf	-65.1 psf
4.67	4.00	4.00

Notes

 Allowable spacing is based on the system capacity listed in the FBC 2014 Approval, FL10999.9 and determined by linear interpolation of those values. 1/3 increase is not included for wind.

- 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, Gable roof, Enclosed building, 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.
- S-5! Clamps are required at all clip locations.
- N.G. indicates the panel is not recommended for this application.

