## Metal Sales

## 18" Vertical Seam on 15/32" Plywood

## Roof Clip Spacing (feet)

Wind Speed (mph)
Exposure Category

100D

Roof Slope: 0.5:12 to 1.47:12				
Thickness	zone 1'	zone 1	zone 2	zone 3
Thickness	-15.7 psf	-27.8 psf	-36.9 psf	-50.6 psf
24 ga	4.00	4.00	3.00	2.33

Roof Slop	e: 1.48:12	to 6.11:12
zone 1	zone 2	zone 3

zone 2	zone 3
-43 psf	-56.6 psf
2.67	2.00

Roof Slope:	6.12:12 to 12:12
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zone 1	zone 2	zone 3
-29.3 psf	-32.3 psf	-50.6 psf
4.00	3.67	2.33

110D

	zone 1'	zone 1	zone 2	zone 3
Thickness	-19.1 psf	-33.8 psf	-44.8 psf	-61.3 psf
24 ga	4.00	3.33	2.67	1.67

zone 1	zone 2	zone 3
-35.6 psf	-39.3 psf	-61.3 psf
3.33	3.00	1.67

120D

			zone 2	
Thickness	-22.9 psf	-40.3 psf	-53.5 psf	-73.1 psf
24 ga	4.00	2.67	2.00	1.33

zone 1	zone 2	zone 3
-42.5 psf	-46.9 psf	-73.1 psf
2.67	2.33	1.33

130D

	zone 1'	zone 1	zone 2	zone 3
Thickness	-27 psf	-47.5 psf	-62.9 psf	-85.9 psf
24 ga	4.00	2.33	1.67	1.00*

zone 1	zone 2	zone 3
-50 psf	-55.2 psf	-85.9 psf
2.33	2.00	

140D

Thickness	zone 1' -31.4 psf	zone 1 -55.2 psf		
24 ga	3.67	2.00	1.33	1.00*

zone 1	zone 2	zone 3
-64.1 psf	-84.9 psf	-111.7 psf
NG	NG	NG

zone 1	zone 2	zone 3
-58.2 psf	-64.1 psf	-99.8 psf
2.00	1.67	1 00*

150D

	zone 1'		zone 2	
Thickness	-36.1 psf	-63.5 psf	-83.9 psf	-114.7 psf
24 ga	N.G.	N.G.	N.G.	N.G.

zone 1	zone 2	zone 3
-73.7 psf	-97.6 psf	-128.3 psf
N.G.	N.G.	N.G.

zone 1	zone 2	zone 3
-66.9 psf	-73.7 psf	-114.7 psf
N.G.	N.G.	N.G.

160D

	zone 1'	zone 1	zone 2	zone 3
Thickness	-41.2 psf	-72.3 psf	-95.6 psf	-130.6 psf
24 ga	N.G.	N.G.	N.G.	N.G.

zone 1	zone 2	zone 3
-83.9 psf	-111.1 psf	-146.1 pst
NG	NG	NG

zone 1	zone 2	zone 3
-76.2 psf	-83.9 psf	-130.6 psf
NG	NG	NG

170D

			zone 2	
Thickness	-46.6 psf	-81.7 psf	-108 psf	-147.5 psf
24 ga	N.G.	N.G.	N.G.	N.G.

zone 1	zone 2	zone 3
-94.9 psf	-125.6 psf	-165 psf
N.G.	N.G.	N.G.

zone 1	zone 2	zone 3
-86.1 psf	-94.9 psf	-147.5 psf
N.G.	N.G.	N.G.

## Notes

 Allowable spacing is based on a Design Pressures listed in the FBC 2023 Approval, FL11560.8 and determined by interpolation of those values. 1/3 increase is not included for wind. The fasteners and fastening patterns are shown in the Approval.

- 2. Allowable spacing is based on an applied load determined using ASCE 7-22 for the Wind Speeds, Wind Exposure Categories, " Roof Slopes, and Roof Zones shown, assuming 10 square feet tributary area, Enclosed Gable Roof, 3 or more equal span case, Topographic Factor of 1 and Mean Roof Height of 30 feet. Tornado Loads are not considered.
- Allowable spacing is determined for wind suction using the pressures shown, resulting from the combination 0.6DL + 0.6W. Also considered is the inward wind pressure, 20 psf live load and the weight of the panel.
- \* Indicates that Geocel 4600 Adhesive is required in the panel rib.

