

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
24 ga	4.00	4.00	3.00	2.33

Roof Slope: 1.48:12 to 6.11:12		
zone 1	zone 2	zone 3
3.67	2.67	2.00

Roof Slope: 6.12:12 to 12:12		
zone 1	zone 2	zone 3
4.00	3.67	2.33

110D

Thickness	zone 1'	zone 1	zone 2	zone 3
24 ga	4.00	3.33	2.67	1.67

zone 1	zone 2	zone 3
3.00	2.00	1.67

zone 1	zone 2	zone 3
3.33	3.00	1.67

120D

Thickness	zone 1'	zone 1	zone 2	zone 3
24 ga	4.00	2.67	2.00	1.33

zone 1	zone 2	zone 3
2.33	1.67	1.00

zone 1	zone 2	zone 3
2.67	2.33	1.33

130D

Thickness	zone 1'	zone 1	zone 2	zone 3
24 ga	4.00	2.33	1.67	1.00*

zone 1	zone 2	zone 3
2.00	1.33	1.00*

zone 1	zone 2	zone 3
2.33	2.00	1.00*

140D

Thickness	zone 1'	zone 1	zone 2	zone 3
24 ga	3.67	2.00	1.33	1.00*

zone 1	zone 2	zone 3
N.G.	N.G.	N.G.

zone 1	zone 2	zone 3
2.00	1.67	1.00*

150D

Thickness	zone 1'	zone 1	zone 2	zone 3
24 ga	N.G.	N.G.	N.G.	N.G.

zone 1	zone 2	zone 3
N.G.	N.G.	N.G.

zone 1	zone 2	zone 3
N.G.	N.G.	N.G.

160D

Thickness	zone 1'	zone 1	zone 2	zone 3
24 ga	N.G.	N.G.	N.G.	N.G.

zone 1	zone 2	zone 3
N.G.	N.G.	N.G.

zone 1	zone 2	zone 3
N.G.	N.G.	N.G.

170D

Thickness	zone 1'	zone 1	zone 2	zone 3
24 ga	N.G.	N.G.	N.G.	N.G.

zone 1	zone 2	zone 3
N.G.	N.G.	N.G.

zone 1	zone 2	zone 3
N.G.	N.G.	N.G.

Notes:

1. 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.

3. 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.

