Metal Sales

Soffit Panel on 16 ga Girts

Wall Fastener Spacing (feet)

Wind Speed (mph) Exposure Category

100C

Thickness	Field -16.4 psf	Edge -20.3 psf
24 ga	4.00	4.00

110C

Thickness	Field -19.9 psf	Edge -24.5 psf
24 ga	4.00	4.00

120C

	Field	Edge
Thickness	-23.6 psf	-29.2 psf
24 ga	4.00	4.00

130C

	Field	Edge
Thickness	-27.7 psf	-34.2 psf
24 ga	4.00	4.00

140C

	Field	Edge
Thickness	-32.2 psf	-39.7 psf
24 ga	4.00	4.00

150C

	Field	Edge
Thickness	-36.9 psf	-45.6 psf
24 ga	4.00	4.00

160C

	Field	Edge
Thickness	-42 psf	-51.9 psf
24 ga	4.00	4.00

170C

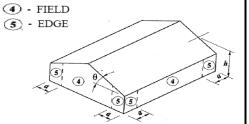
	Field	Edge
Thickness	-47.4 psf	-58.6 psf
24 ga	N.G.	N.G.

Notes

 Allowable spacing is based on a Design Pressures listed in the FBC 2023 Approval, FL9482.5 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, assuming 10 square feet " of tributary area, Enclosed building, 3 or more span case, Topographic Factor of 1 and Mean Roof Height of 30 feet. Tornado loads are not considered.
- Allowable spacing is determined for wind pressure and suction using the combination 0.6W for each.

a - LEAST OF 10% MINIMUM BUILDING WIDTH OR 40% OF MEAN ROOF HEIGHT BUT NOT LESS THAN 3'.



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