Metal Sales

Soffit Panel on 16 ga Girts

Wall Fastener Spacing (feet)

Wind Speed (mph) Exposure Category

100D

Thickness	Field -19.4 psf	Edge -24 psf
24 ga	4.00	4.00

110D

	Field	Edge
Thickness	-23.5 psf	-29 psf
24 ga	4.00	4.00

120D

	Field	Edge
Thickness	-28 psf	-34.5 psf
24 ga	4.00	4.00

130D

	Field	Edge
Thickness	-32.8 psf	-40.5 psf
24 ga	4.00	4.00

140D

Thisleron	Field -38.1 psf	Edge -47 psf
Trickness	-30.1 psi	-41 psi
24 ga	4.00	4.00
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150D

	Field	Edge
Thickness	-43.7 psf	-53.9 psf
24 ga	4.00	4.00

160D

	Field	Edge
Thickness	-49.7 psf	-61.4 psf
24 ga	N.G.	N.G.

170D

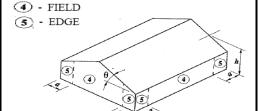
	Field	Edge
Thickness	-56.1 psf	-69.3 psf
24 ga	N.G.	N.G.

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.