Metal Sales

R-Panel on 16 ga Girts

Wall Fastener Spacing (feet)

Wind Speed (mph) Exposure Category

100D

Thickness	Field -19.4 psf	Edge -24 psf
26 ga	5.00	5.00

120D

Thickness	Field -28 psf	Edge -34.5 psf
26 ga	5.00	5.00

140D

	Field	Edge
Thickness	-38.1 psf	-47 psf
26 ga	5.00	4.75

160D

	Field	Edge
Thickness	-49.7 psf	-61.4 psf
26 ga	4.50	3.50

180D

	Field	Edge
Thickness	-62.9 psf	-77.7 psf
26 ga	3.50	2.75

200D

	Field	Edge
Thickness	-77.7 psf	-95.9 psf
26 ga	2.75	2.25

220D

	Field	Edge
Thickness	-94 psf	-116 psf
26 ga	2.25	2.00

240D

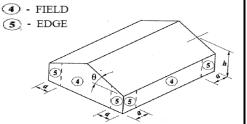
- 1	Field	Edge
Thickness	-111.9 psi	-138.1 psi
26 ga	N.G.	N.G.

Notes

 Allowable spacing is based on a Design Pressures listed in the FBC 2023 Approval, FL9482.4 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.
- 3. 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.