

Soffit Panel on 16 ga Girts

Wall Fastener Spacing (feet)

Wind Speed (mph) Exposure Category
120D

Gauge	Field	Edge
24 ga	-27.1 psf 4.00	-33.4 psf 4.00

130D

Gauge	Field	Edge
24 ga	-31.8 psf 4.00	-39.3 psf 4.00

140D

Gauge	Field	Edge
24 ga	-36.9 psf 4.00	-45.5 psf 4.00

150D

Gauge	Field	Edge
24 ga	-42.3 psf 4.00	-52.3 psf 4.00

160D

Gauge	Field	Edge
24 ga	-48.2 psf N.G.	-59.5 psf N.G.

170D

Gauge	Field	Edge
24 ga	-54.4 psf N.G.	-67.1 psf N.G.

180D

Gauge	Field	Edge
24 ga	-61 psf N.G.	-75.3 psf N.G.

190D

Gauge	Field	Edge
24 ga	-67.9 psf N.G.	-83.8 psf N.G.

Notes:

1. Allowable spacing is based on a Design Pressures listed in the FBC 2017 Approval, FL9482.5 and determined by linear 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 7-10 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 25 feet.

3. Allowable spacing is determined for wind pressure and suction using the combination 0.6W for each.

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

- ④ - FIELD
 - ⑤ - EDGE
- a - LEAST OF 10% MINIMUM BUILDING WIDTH OR 40% OF MEAN ROOF HEIGHT BUT NOT LESS THAN 3'.

