

Soffit Panel on 16 ga Girts

Wall Fastener Spacing (feet)

Wind Speed (mph)
Exposure Category

100D

Gauge	Field	Edge
24 ga	-18.8 psf 4.00	-23.2 psf 4.00

110D

Gauge	Field	Edge
24 ga	-22.8 psf 4.00	-28.1 psf 4.00

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.

Notes:

1. Allowable spacing is based on a Design Pressures listed in the
FBC 2014 Approval, FL9482.5 and determined by linear
of those values. 1/3 increase is not included for wind.

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,
Topographic Factor of 1, and Mean Roof Height of 25 feet.

3. Allowable spacing is determined for wind suction using the
combination 0.6W. Also considered is the appropriate inward
wind pressure.

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'.

