

## Wall Fastener Spacing (feet)

Wind Speed (mph) Exposure Category
100D

	Field	Edge
Thickness	-19.4 psf	-24 psf
24 ga	8.00	8.00

120D
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	Field	Edge
Thickness	-28 psf	-34.5 psf
24 ga	8.00	6.75

140D
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	Field	Edge
Thickness	-38.1 psf	-47 psf
24 ga	6.25	5.00

160D
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	Field	Edge
Thickness	-49.7 psf	-61.4 psf
24 ga	4.75	3.75

180D
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	Field	Edge
Thickness	-62.9 psf	-77.7 psf
24 ga	3.75	3.00

200D
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	Field	Edge
Thickness	-77.7 psf	-95.9 psf
24 ga	3.00	2.50

220D
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	Field	Edge
Thickness	-94 psf	-116 psf
24 ga	2.50	2.00

240D
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	Field	Edge
Thickness	-111.9 psf	-138.1 psf
24 ga	2.00	2.00

### Notes:

- Allowable spacing is based on a Design Pressures listed in the FBC 2023 Approval, FL9482.1 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.
- 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'.

- ④ - FIELD
- ⑤ - EDGE

