

16" Magna-Loc on 22 ga Steel Deck

Roof Fastener Spacing (feet)

Wind Speed (mph) Exposure Category	Roof Slope: 0.5:12 to 1.5:12				Roof Slope: 1.5:12 to 6:12			Roof Slope: 6:12 to 12:12		
	Thickness	Field	Edge	Corner	Field	Edge	Corner	Field	Edge	Corner
120C	24 ga	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
130C	24 ga	3.00	3.00	1.00*	3.00	3.00	3.00	3.00	3.00	3.00
140C	24 ga	3.00	3.00	1.00*	3.00	3.00	1.00*	3.00	3.00	3.00
150C	24 ga	3.00	3.00	1.00*	3.00	3.00	1.00*	3.00	3.00	3.00
160C	24 ga	3.00	1.00*	1.00*	3.00	3.00	1.00*	3.00	3.00	3.00
170C	24 ga	3.00	1.00*	1.00*	3.00	1.00*	1.00*	3.00	3.00	3.00
180C	24 ga	3.00	1.00*	1.00*	3.00	1.00*	1.00*	3.00	3.00	3.00
190C	24 ga	3.00	1.00*	1.00*	3.00	1.00*	1.00*	3.00	1.00*	1.00*

Notes:

1. Allowable spacing is based on a Design Pressures listed in the FBC 2017 Approval, FL11560.7 and determined by linear interpolation of those values. 1/3 increase is not included for wind. The fasteners and 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, "Roof Slopes, and Roof Zones shown, 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 suction using the combination $0.6DL + 0.6W$. Also considered is the appropriate inward wind pressure, 20 psf live load and the weight of the panel.

* - Indicates that MPW-1203-8 Clip are required in this zone.

- ① - FIELD
- ② - EDGE
- ③ - CORNER
- A - LEAST OF 10% MINIMUM BUILDING WIDTH OR 40% OF ROOF MEAN HEIGHT BUT NOT LESS THAN 3'-0"

