



## Roof Fastener Spacing (feet)

| Wind Speed (mph)<br>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                                  | 0.032"                       | 2.00  | 1.00 | 0.50   | 2.00                       | 1.00 | 0.50   | 2.00                      | 1.50 | 1.50   |
|                                       |                              |       |      |        |                            |      |        |                           |      |        |
| 130C                                  | 0.032"                       | 1.50  | 1.00 | 0.50   | 2.00                       | 1.00 | 0.50   | 1.50                      | 1.50 | 1.50   |
|                                       |                              |       |      |        |                            |      |        |                           |      |        |
| 140C                                  | 0.032"                       | 1.50  | 0.50 | 0.50   | 1.50                       | 0.50 | 0.50   | 1.50                      | 1.00 | 1.00   |
|                                       |                              |       |      |        |                            |      |        |                           |      |        |
| 150C                                  | 0.032"                       | 1.00  | 0.50 | 0.50   | 1.50                       | 0.50 | 0.50   | 1.00                      | 1.00 | 1.00   |
|                                       |                              |       |      |        |                            |      |        |                           |      |        |
| 160C                                  | 0.032"                       | 1.00  | 0.50 | 0.50   | 1.00                       | 0.50 | 0.50   | 1.00                      | 1.00 | 1.00   |
|                                       |                              |       |      |        |                            |      |        |                           |      |        |
| 170C                                  | 0.032"                       | 1.00  | 0.50 | 0.50   | 1.00                       | 0.50 | 0.50   | 1.00                      | 0.50 | 0.50   |
|                                       |                              |       |      |        |                            |      |        |                           |      |        |
| 180C                                  | 0.032"                       | N.G.  | N.G. | N.G.   | N.G.                       | N.G. | N.G.   | 0.50                      | 0.50 | 0.50   |
|                                       |                              |       |      |        |                            |      |        |                           |      |        |
| 190C                                  | 0.032"                       | N.G.  | N.G. | N.G.   | N.G.                       | N.G. | N.G.   | 0.50                      | 0.50 | 0.50   |
|                                       |                              |       |      |        |                            |      |        |                           |      |        |

**Notes:**

- Allowable spacing is based on a Design Pressures listed in the FBC 2017 Approval, FL11560.2 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.
- 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.
- 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.

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

- 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"