## **Metal Sales**

## 16" Vertical Seam on 7/16" OSB

## Roof Clip Spacing (feet)

|   |  | /                            |  |   |
|---|--|------------------------------|--|---|
| Wind Speed (mph)<br>Exposure Category   | Roof Slope: 0.5:12 to 1.47:12   zone 1' zone 1 zone 2  | zone 3                       | Roof Slope: 1.48:12 to 6.11:12   |   |
| 100C  | zone 1' zone 1 zone 2   Thickness -13.5 psf -23.7 psf -31.4 psf   0.032" 3.00 3.00 3.00  |                              | zone 1 zone 2 zone 3   -27.6 psf -36.6 psf -48.1 psf   3.00 3.00 2.33          | zone 1 zone 2 zone 3   -25 psf -27.6 psf -43 psf   3.00 3.00 2.67             |
| 110C  | zone 1' zone 1 zone 2   Thickness -16.4 psf -28.8 psf -38.1 psf   0.032" 3.00 3.00 3.00  | zone 3<br>-52.1 psf<br>2.00  | zone 1 zone 2 zone 3   -33.5 psf -44.3 psf -58.3 psf   3.00 2.67 1.67          | zone 1 zone 2 zone 3   -30.4 psf -33.5 psf -52.1 psf   3.00 3.00 2.00         |
| 120C  | zone 1' zone 1 zone 2   Thickness -19.6 psf -34.4 psf -45.4 psf   0.032" 3.00 3.00 2.67  | zone 3<br>-62.1 psf<br>1.33  | zone 1 zone 2 zone 3   -39.9 psf -52.8 psf -69.4 psf   3.00 2.00 1.00          | zone 1 zone 2 zone 3   -36.2 psf -39.9 psf -62.1 psf   3.00 3.00 1.33         |
| 130C  | zone 1' zone 1 zone 2   Thickness -23 psf -40.4 psf -53.4 psf   0.032" 3.00 3.00 2.00  | zone 3<br>-72.9 psf<br>1.00* | zone 1 zone 2 zone 3   -46.9 psf -62.1 psf -81.6 psf   2.33 1.33 1.00*         | zone 1 zone 2 zone 3   -42.5 psf -46.9 psf -72.9 psf   2.67 2.33 1.00*        |
| 140C  | zone 1' zone 1 zone 2   Thickness -26.8 psf -46.9 psf -62 psf   0.032" 3.00 2.33 1.33  | zone 3<br>-84.6 psf<br>1.00* | zone 1 zone 2 zone 3   -54.4 psf -72 psf -94.6 psf   2.00 1.00* 1.00*          | zone 1 zone 2 zone 3   -49.4 psf -54.4 psf -84.6 psf   2.33 2.00 1.00*        |
| 150C  | zone 1' zone 1 zone 2   Thickness -30.8 psf -53.9 psf -71.2 psf   0.032" N.G. N.G. N.G.  | zone 3<br>-97.2 psf<br>N.G.  | zone 1 zone 2 zone 3<br>-62.5 psf -82.7 psf -108.7 psf<br>N.G. N.G. N.G. N.G.  | zone 1 zone 2 zone 3   -56.8 psf -62.5 psf -97.2 psf   N.G. N.G. N.G.         |
| 160C  | zone 1' zone 1 zone 2   Thickness -35.1 psf -61.4 psf -81.1 psf   0.032" N.G. N.G. N.G.  | zone 3<br>-110.6 psf<br>N.G. | zone 1 zone 2 zone 3<br>-71.2 psf -94.2 psf -123.7 psf<br>N.G. N.G. N.G. N.G.  | zone 1 zone 2 zone 3<br>-64.6 psf -71.2 psf -110.6 psf<br>N.G. N.G. N.G. N.G. |
| 170C  | zone 1' zone 1 zone 2   Thickness -39.7 psf -69.3 psf -91.5 psf   0.032" N.G. N.G. N.G.  | zone 3<br>-124.9 psf<br>N.G. | zone 1 zone 2 zone 3<br>-80.4 psf -106.4 psf -139.7 psf<br>N.G. N.G. N.G. N.G. | zone 1 zone 2 zone 3   -73 psf -80.4 psf -124.9 psf   N.G. N.G. N.G.          |
| Notes:<br>1. Allowable spacing is based on a Design Pressures listed in the<br>FBC 2023 Approval, FL14645.4 and determined by interpolation<br>of those values. 1/3 increase is not included for wind. The fasteners<br>and fastening patterns are shown in the Approval.   |  |                              |  |   |
| 2. Allowable spacing is based on an applied load determined using<br>ASCE 7-22 for the Wind Speeds, Wind Exposure Categories, "<br>Roof Slopes, and Roof Zones shown, assuming 10 square feet<br>tributary area, Enclosed Gable Roof, 3 or more equal span case,<br>Topographic Factor of 1 and Mean Roof Height of 30 feet.<br>Tornado Loads are not considered. |  |                              | © © © ©  | 0 0 0   |
| shown, resulting from the is the inward wind press  | letermined for wind suction using the pressures<br>e combination 0.6DL + 0.6W. Also considered<br>ure, 20 psf live load and the weight of the panel. |                              |  | • (3) (3) (3) (3) (3) (3) (3) (3) (3) (3)                                     |
| * - Indicates that Geocel   | 4600 Adhesive is required in the panel rib.  | F                            | Roof Slope: < 1.47:12  | Roof Slope: 1.48:12 to 12:12  |