metal sales
manufacturing corporation

AP1-1212 on 7/16" OSB

Wall Clip Spacing (feet)

Wind Speed (mph)
Exposure Category

100C

Thickness	Field -15.8 psf	Edge -19.5 psf
24 ga	6.00	5.00

110C

Thickness	Field -19.1 psf	Edge -23.6 psf
24 ga	5.00	4.00

120C

Thickness	Field -22.7 psf	Edge -28.1 psf
24 ga	4.00	3.50

130C

Thickness	Field -26.7 psf	Edge -33 psf
24 ga	3.50	3.00

140C

Thickness	Field -31 psf	Edge -38.2 psf
24 ga	3.00	2.50

150C

Thickness	Field -35.5 psf	Edge -43.9 psf
24 ga	2.50	2.00

160C

Thickness	Field -40.4 psf	Edge -49.9 psf
24 ga	2.50	2.00

170C

Thickness	Field -45.7 psf	Edge -56.4 psf
24 ga	N.G.	N.G.

Notes:

1. Allowable spacing is based on a Design Pressures listed in the FBC 2020 Approval, FL34027.1 and determined by linear interpolation of those values. 1/3 increase is not included for wind. The fasteners and fastening patters are shown in the Approval.

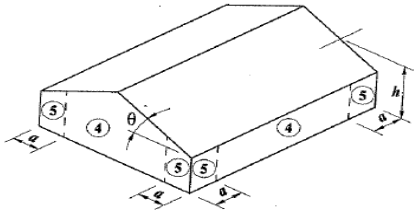
2. Allowable spacing is based on an applied load determined using ASCE 7-10 for the Wind Speeds, Wind Exposure Categories, assuming 10 square feet " of tributary area, Enclosed building, 3 or more span case, Topographic Factor of 1, and Mean Roof Height of 25 feet.

3. Allowable spacing is determined for wind pressure and suction using the combination 0.6W for each.

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'.



metal sales
manufacturing corporation

AP1-1212
on 16 ga Girts

Wall Clip Spacing (feet)

Wind Speed (mph)
Exposure Category

100C

Thickness	Field -15.8 psf	Edge -19.5 psf
24 ga	6.00	6.00

110C

Thickness	Field -19.1 psf	Edge -23.6 psf
24 ga	6.00	5.00

120C

Thickness	Field -22.7 psf	Edge -28.1 psf
24 ga	5.50	4.00

130C

Thickness	Field -26.7 psf	Edge -33 psf
24 ga	4.50	3.50

140C

Thickness	Field -31 psf	Edge -38.2 psf
24 ga	4.00	3.00

150C

Thickness	Field -35.5 psf	Edge -43.9 psf
24 ga	3.50	2.50

160C

Thickness	Field -40.4 psf	Edge -49.9 psf
24 ga	3.00	2.50

170C

Thickness	Field -45.7 psf	Edge -56.4 psf
24 ga	2.50	2.00

Notes:

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3. Allowable spacing is determined for wind pressure and suction using the combination 0.6W for each.

(4) - FIELD
(5) - EDGE

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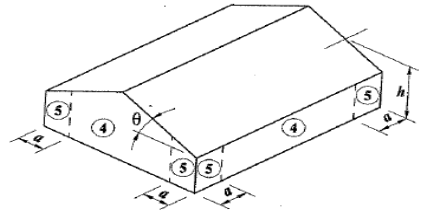

metal sales
manufacturing corporation

AP1-1653 on 7/16" OSB

Wall Clip Spacing (feet)

Wind Speed (mph)
Exposure Category

100C

Thickness	Field -15.8 psf	Edge -19.5 psf
24 ga	6.00	5.00

110C

Thickness	Field -19.1 psf	Edge -23.6 psf
24 ga	5.00	4.00

120C

Thickness	Field -22.7 psf	Edge -28.1 psf
24 ga	4.00	3.50

130C

Thickness	Field -26.7 psf	Edge -33 psf
24 ga	3.50	3.00

140C

Thickness	Field -31 psf	Edge -38.2 psf
24 ga	3.00	2.50

150C

Thickness	Field -35.5 psf	Edge -43.9 psf
24 ga	2.50	2.00

160C

Thickness	Field -40.4 psf	Edge -49.9 psf
24 ga	2.50	2.00

170C

Thickness	Field -45.7 psf	Edge -56.4 psf
24 ga	N.G.	N.G.

Notes:

1. Allowable spacing is based on a Design Pressures listed in the FBC 2020 Approval, FL34027.1 and determined by linear interpolation of those values. 1/3 increase is not included for wind. The fasteners and fastening patters are shown in the Approval.

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3. Allowable spacing is determined for wind pressure and suction using the combination 0.6W for each.

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

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(5) - EDGE

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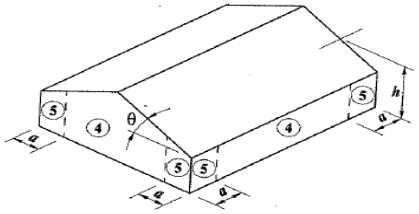

metal sales
manufacturing corporation

AP1-1653
on 16 ga Girts

Wall Clip Spacing (feet)

Wind Speed (mph)
Exposure Category

100C

Thickness	Field -15.8 psf	Edge -19.5 psf
24 ga	6.00	6.00

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Thickness	Field -19.1 psf	Edge -23.6 psf
24 ga	6.00	5.00

120C

Thickness	Field -22.7 psf	Edge -28.1 psf
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24 ga	2.50	2.00

Notes:

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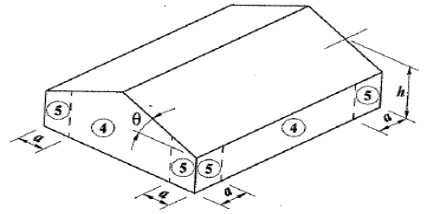
(5) - EDGE

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