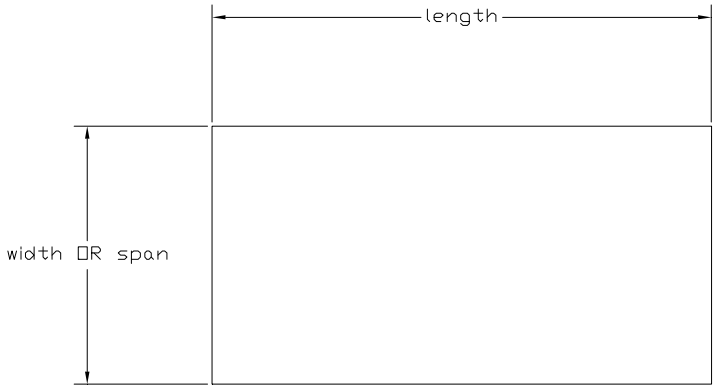
MAXIMUM WIDTH OF UNSTIFFENED PANELS

4mm THICK ALUMINUM COMPOSITE PANEL (1)(2)

Width or Span = Short Dimension of Panel

Wind Pressure [psf]	Panel Width limited by Span 60 deflection [in] (3)	Panel Width limited by Span 90 deflection [in] (3)	Panel Width limited by Span 120 deflection [in] (3)	Panel Width limited by Span 180 deflection [in] (3)	Panel width controlled by stress only [in] (3)
15	29.75	25.99	23.61	20.63	48.87
20	27.03	23.61	21.45	18.74	42.33
25	25.09	21.92	19.91	17.40	37.86
30	23.61	20.63	18.74	16.37	34.56
35	22.43	19.59	17.80	15.55	32.00
40	21.45	18.74	17.03	14.87	29.93
45	20.63	18.02	16.37	14.30	28.22
50	19.91	17.40	15.81	13.81	26.77
55	19.29	16.85	15.31	13.38	25.52
60	18.74	16.37	14.87	12.99	24.44
65	18.25	15.94	14.48	12.65	23.48
70	17.80	15.55	14.13	12.34	22.62
75	17.40	15.20	13.81	12.06	21.86
80	17.03	14.87	13.51	11.81	21.16



NOTE: width is the short dimension of the panel

4mm ALUMINUM COMPOSITE PANEL ELEVATION

1) Values based on 4mm Reynobond RB160, 0.020" 3105-H25 face sheets over LDPE core with allowable bending stress f_b=11,500 psi.

(2) Review your project's specifications, drawings and other construction documents to understand minimum load and allowable deflecion requirements on the panel system. Wheaton & Sprague Engineering, Inc. shall not be held responsible for misuse or misinterpretation of the information provided in this chart.

(3) Deflection and stress values based on simple support, one-way analysis.