



12" Classic Series Panel

ALLOWABLE UNIFORM LOADS IN POUNDS PER SQUARE FOOT

24 Gauge (Fy = 50 KSI)								
SPAN TYPE	LOAD TYPE							
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
SINGLE	NEGATIVE WIND LOAD	289.3	162.7	104.1	72.3	53.1	40.7	32.1
	LIVE LOAD/DEFLECTION	159.0	119.2	95.4	79.5	68.1	57.0	45.1
2-SPAN	NEGATIVE WIND LOAD	405.6	228.2	146.0	101.4	74.5	57.0	45.1
	LIVE LOAD/DEFLECTION	133.8	100.4	80.3	66.9	53.1	40.7	32.1
3-SPAN	NEGATIVE WIND LOAD	452.0	254.2	162.7	113.0	83.0	63.6	50.2
	LIVE LOAD/DEFLECTION	152.1	114.1	91.3	76.0	65.2	50.8	40.2
4-SPAN	NEGATIVE WIND LOAD	468.4	263.5	168.6	117.1	86.0	65.9	52.0
	LIVE LOAD/DEFLECTION	146.4	109.8	87.8	73.2	62.0	47.5	37.5

22 Gauge (Fy = 50 KSI)								
SPAN TYPE	LOAD TYPE							
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
SINGLE	NEGATIVE WIND LOAD	418.3	235.3	150.6	104.6	76.8	58.8	46.5
	LIVE LOAD/DEFLECTION	278.0	208.5	166.8	139.0	105.3	80.6	63.7
2-SPAN	NEGATIVE WIND LOAD	573.3	322.5	206.4	143.3	105.3	80.6	63.7
	LIVE LOAD/DEFLECTION	218.0	163.5	130.8	104.6	76.8	58.8	46.5
3-SPAN	NEGATIVE WIND LOAD	653.5	367.6	235.3	163.4	120.0	91.9	72.6
	LIVE LOAD/DEFLECTION	247.8	185.8	148.7	123.9	96.0	73.5	58.1
4-SPAN	NEGATIVE WIND LOAD	669.1	376.4	240.9	167.3	122.9	94.1	74.3
	LIVE LOAD/DEFLECTION	238.4	178.8	143.1	119.2	89.7	68.6	54.2

NOTES:

- 1) Allowable loads are based on uniform span lengths and Fy = 50-ksi.
- 2) LIVE LOAD is limited by bending, shear, combined shear & bending and web crippling.
- 3) **NEGATIVE WIND LOAD does not contain a 33.33% increase and does not consider fastener pullout or pullover.**
- 4) Above loads consider a maximum deflection ratio of L/180.
- 5) The weight of the panel has not been deducted from the allowable loads.
- 6) The use of any accessories other than those provided by the manufacturer may damage panels, void all warranties and will void all engineering data.
- 7) This material is subject to change without notice. Please contact MBCI for most current data.