Metal Roof and Wall Systems

QWIKLOK Panel

ALLOWABLE UNIFORM LOADS IN POUNDS PER SQUARE FOOT

24 Gauge (Fy = 50 KSI)						
SPAN TYPE	LOAD TYPE	SPAN IN FEET				
		6.0	8.0	10.0	12.0	14.0
SINGLE	POSITIVE WIND LOAD	92.0	52.2	33.4	23.2	17.0
	NEGATIVE WIND LOAD	50.1	28.2	18.0	12.5	9.2
2-SPAN	POSITIVE WIND LOAD	50.1	28.2	18.0	12.5	9.2
	NEGATIVE WIND LOAD	89.0	50.1	32.0	22.3	16.3
3-SPAN	POSITIVE WIND LOAD	62.6	35.2	22.5	15.6	11.5
	NEGATIVE WIND LOAD	78.2	44.0	28.2	19.6	14.4
4-SPAN	POSITIVE WIND LOAD	58.4	32.9	21.0	14.6	10.7
	NEGATIVE WIND LOAD	81.1	45.6	29.2	20.3	14.9

22 Gauge (Fy = 50 KSI)						
SPAN TYPE	LOAD TYPE	SPAN IN FEET				
		6.0	8.0	10.0	12.0	14.0
SINGLE	POSITIVE WIND LOAD	128.3	72.2	46.2	32.1	23.6
	NEGATIVE WIND LOAD	76.9	43.3	27.7	19.2	14.1
2-SPAN	POSITIVE WIND LOAD	76.9	43.3	27.7	19.2	14.1
	NEGATIVE WIND LOAD	128.3	72.2	46.2	32.1	23.6
3-SPAN	POSITIVE WIND LOAD	96.1	54.1	34.6	24.0	17.7
	NEGATIVE WIND LOAD	120.2	67.6	43.3	30.0	22.1
4-SPAN	POSITIVE WIND LOAD	89.8	50.5	32.3	22.4	16.5
	NEGATIVE WIND LOAD	124.5	70.0	44.8	31.1	22.9

NOTES:

1) Allowable loads are based on uniform span lengths.

2) NEGATIVE WIND LOAD has not been increased by 33.333% and does not consider fastener pullout or pullover.

3) POSITIVE WIND LOAD has not been increased by 33.333%.

4) Above loads consider a maximum deflection ratio of L/120.

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.