



12" Designer Series - Flat

ALLOWABLE UNIFORM LOADS IN POUNDS PER SQUARE FOOT

24 Gauge (Fy = 50 KSI)								
SPAN TYPE	LOAD TYPE	SPAN IN FEET						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
SINGLE	POSITIVE WIND LOAD	151.3	97.3	62.3	43.3	31.8	24.3	19.2
2-SPAN	POSITIVE WIND LOAD	120.1	90.0	61.2	42.7	31.5	24.2	19.1
3-SPAN	POSITIVE WIND LOAD	136.4	102.3	76.0	53.1	39.2	30.1	23.8
4-SPAN	POSITIVE WIND LOAD	131.3	98.5	71.1	49.7	36.7	28.1	22.3

22 Gauge (Fy = 50 KSI)								
SPAN TYPE	LOAD TYPE	SPAN IN FEET						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
SINGLE	POSITIVE WIND LOAD	241.4	135.8	86.9	60.4	44.3	34.0	26.8
2-SPAN	POSITIVE WIND LOAD	199.3	133.2	85.9	59.8	44.1	33.8	26.7
3-SPAN	POSITIVE WIND LOAD	226.4	165.2	106.7	74.5	54.9	42.1	33.3
4-SPAN	POSITIVE WIND LOAD	217.9	154.7	99.9	69.7	51.3	39.4	31.2

NOTES:

- 1) Allowable loads are based on uniform span lengths and Fy = 50 ksi.
- 2) POSITIVE WIND LOAD is limited by bending, shear, combined shear & bending, and web crippling.
- 3) POSITIVE WIND LOAD is limited by a maximum deflection ratio of L/120.
- 4) The weight of the panel has not been deducted from the allowable loads.
- 5) **THE ABOVE LOADS ARE NOT FOR USE WHEN DESIGNING PANELS TO RESIST WIND UPLIFT.**
- 6) Please contact manufacturer or manufacturer's website for most current allowable negative wind loads.

The Engineering data contained herein is for the expressed use of customers and design professionals. Along with this data, it is recommended that the design professional have a copy of the most current version of the North American Specification for the Design of Cold-Formed Steel Structural Members published by the American Iron and Steel Institute to facilitate design. This Specification contains the design criteria for cold-formed steel components. Along with the Specification, the designer should reference the most current building code applicable to the project jobsite in order to determine environmental loads. If further information or guidance regarding cold-formed design practices is desired, please contact the manufacturer.