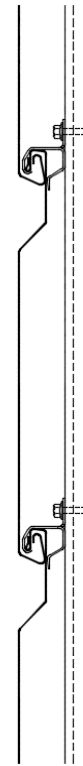


CS-200 Wall Panel Allowable Wind Loads (psf)

22 Gauge						
Span Type	Span					
	1'-4"	2'-0"	3'-0"	4'-0"	5'-0"	6'-0"
Single	125 _g	125 _g	85 _b	48 _b	30 _b	21 _b
Double	125 _g	125 _g	85 _b	48 _b	30 _b	21 _b
Triple	125 _g	125 _g	103 _f	60 _b	38 _b	26 _b

20 Gauge						
Span Type	Span					
	1'-4"	2'-0"	3'-0"	4'-0"	5'-0"	6'-0"
Single	150 _g	150 _g	115 _b	64 _b	41 _b	28 _b
Double	150 _g	136 _f	90 _f	64 _b	41 _b	28 _b
Triple	150 _g	150 _g	103 _f	77 _f	51 _b	35 _b

18 Gauge						
Span Type	Span					
	1'-4"	2'-0"	3'-0"	4'-0"	5'-0"	6'-0"
Single	150 _g	150 _g	150 _g	98 _b	63 _b	43 _b
Double	150 _g	136 _f	90 _f	68 _f	54 _f	43 _b
Triple	150 _g	150 _g	103 _f	77 _f	61 _f	51 _f



NOTES:

- Allowable loads are based on uniform span lengths.
- Panel material is ASTM A653 structural steel (SS) Grade 37.
- Failure modes represented are:
 - f = fastener pullout/pullover
 - b = bending
 - d = deflection
 - c = clip failure
 - g = panel disengagement
- Panel properties are calculated per AISI Standard *North American Specification for the Design of Cold-Formed Steel Structural Members* - 2016 Edition and the provisions for Allowable Strength Design (ASD).
- Fastening limitations are based on nominal 1/4" fasteners with 15mm-diameter combination washers; minimum one (1) fastener per clip; and minimum 16 Gauge (50 ksi) steel structural girts. Allowable pullout/pullover reactions are based on fastener manufacturer test data with a safety factor of 2.5.
- Deflection is based on an effective moment of inertia at $M_s = 0.6 \cdot M_n$ applied to the weaker orientation; a deflection ratio of $L/120$; and the 10-year mean return interval wind speed per IBC 2018 Table 1604.3.
- Allowable loads due to clip failure and panel disengagement are based on large-scale testing with safety factors of 2.5 and 2.0, respectively.
- Panel coverage = 12" and weight = 1.7-2.7 psf.
- Contact Metl-Span for conditions not conforming to these notes.