

CW36 Allowable Load Table (psf) for Three or More Spans

Panel Strength and Deflection Limit Criteria

Panel Thickness	Panel Span (ft)									
	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"
2.5"	87	74	64	56	50	45	41	38	35	33
4"	144	122	105	92	82	74	68	62	57	53

Connection Strength Criteria - Fasteners with CW-02 Washer

Fasteners / Support Thickness	Thickness	Panel Span (ft)									
		3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"
(4) fasteners per panel / Minimum 16 gauge	2.5"	86	73	64	56	50	46	42	38	36	33
	4"	87	74	64	57	51	46	42	39	36	33

Notes:

1. Load span table is based on Allowable Stress Design (ASD).
2. Table is based on values derived from transverse load testing per ASTM E72, ASTM E1592, and strength of fasteners.
3. Panel properties are based on **26 gauge exterior and 26 gauge interior** facings. Inquire about other gauges.
4. The lowest load between Panel Strength, Deflection Limit and Connection Strength shall be used to determine spans.
5. The Deflection Limit is L/180.
6. Connection based on ¼-14 or ¼-20 DP3 or DP5 self drilling fasteners with CW-02 washer installed into min. 16 ga.
7. Maximum span for CW36 is 7.5'.
8. Safety Factor = 2.5 for buckling, 3.0 for core shear, 2.0 for wall clip, 3.0 for fastening pullover/pullout.
9. Allowable loads are applicable to vertical or horizontal panel installation.
10. Panel weights can be found on a separate Panel Weights Table.
11. Structural design of wall supports has not been considered and must be designed the support professional.
12. Thermal effects from temperature-controlled buildings have not been considered. Inquire about temperature-controlled applications.
13. Consult your AWIP representative for project specific calculations.
14. CW36 Wall Panels are not FM Approved products.
15. Load tables are subject to change without notice - visit www.awipanel.com for the latest information



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