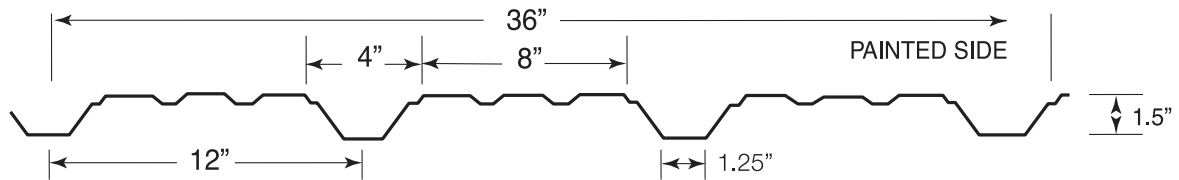


12-36 Reverse Panel - Section Properties/Load Table (Imperial)



Base Steel Thickness	Weight (psf)	Section Modulus (in ³)		Moment of Inertia Mid-span (in ⁴)
		Mid-span	Support	
24 Ga (0.024 in)	1.10	0.079	0.330	0.088
26 Ga (0.019 in)	0.87	0.063	0.262	0.070

Load Table		Maximum Specified Uniformly Distributed Loads in psf					
		1-Span		2-Span		3-Span	
Span (ft.)		24 Ga.	26 Ga.	24 Ga.	26 Ga.	24 Ga.	26 Ga.
2'-0"	S	421	336	548	438	521	416
	D	947	757	2282	1823	2282	1823
3'-0"	S	187	150	244	195	232	185
	D	281	224	676	540	676	540
3'-6"	S	137	110	179	143	170	136
	D	177	141	426	340	426	340
4'-0"	S	105	84	137	110	130	104
	D	118	95	285	228	285	228
4'-6"	S	83	66	108	87	103	82
	D	83	66	200	160	200	160
5'-0"	S	67	54	88	70	83	67
	D	61	48	146	117	146	117
5'-6"	S	56	44	72	58	69	55
	D	46	36	110	88	110	88
6'-0"	S	47	37	61	49	58	46
	D	35	28	85	68	85	68
6'-6"	S	40	32	52	41	49	39
	D	28	22	66	53	66	53
7'-0"	S	34	27	45	36	43	34
	D	22	18	53	43	53	43
7'-6"	S	30	24	39	31	37	30
	D	18	14	43	35	43	35
8'-0"	S	26	21	34	27	33	26
	D	15	12	36	28	36	28

S = Maximum Load for Strength

D = Maximum Load for Deflection (span/180)

This Load Table prepared by Inkpen Engineering Ltd. Loads are based on ASTM A792 Grade 50 Steel ($F_y = 50\text{ksi}$). Live Load Factor = 1.4
 The information contained here is intended as a guideline only. Consult the National Building Code of Canada and/or local codes if more detailed analysis is required. Web crippling not included in strength values.