

Wave Span Table

Allowable Loads (psf)



Panel Size	Aluminum						Stainless Steel						Weathering Steel					
	1/8"		3/16"		1/4"		1/8"		3/16"		1/4"		1/8"		3/16"		1/4"	
	Edge	Perimeter	Edge	Perimeter	Edge	Perimeter	Edge	Perimeter	Edge	Perimeter	Edge	Perimeter	Edge	Perimeter	Edge	Perimeter	Edge	Perimeter
30 x 48	56	65	182	215	*226	*313	156	182	*226	*313	*226	*313	160	187	*226	*313	*226	*313
30 x 60	55	58	176	185	*281	*324	156	165	*281	*324	*281	*324	160	169	*281	*324	*281	*324
30 x 72	55	58	179	188	*298	*307	154	162	*298	*307	*298	*307	158	166	*298	*307	*298	*307
30 x 84	55	56	176	179	*281	*335	154	156	*281	*335	*281	*335	158	160	*281	*335	*281	*335
30 x 96	56	57	176	179	*313	*338	156	159	*313	*338	*313	*338	160	163	*313	*338	*313	*338
30 x 108	56	57	176	179	*280	*322	156	159	*280	*322	*280	*322	160	163	*280	*322	*280	*322
30 x 120	56	56	176	176	*286	*325	156	156	*286	*325	*286	*325	160	160	*286	*325	*286	*325
48 x 48	11	24	40	50	92	115	31	68	114	142	*196	*338	32	70	117	146	*196	*338
48 x 60	12	15	40	47	92	108	34	34	114	134	*179	*293	35	35	117	138	*179	*293
48 x 72	12	14	39	45	89	103	34	40	111	128	*188	*281	35	41	114	131	*188	*281
48 x 84	12	14	39	43	89	98	34	40	111	122	*175	*257	35	41	114	125	*175	*257
48 x 96	11	13	39	41	89	94	31	36	111	113	*168	*240	32	37	114	116	*168	*240
48 x 108	11	12	39	41	89	94	31	33	111	113	*162	*226	32	34	114	116	*162	*226
48 x 120	11	12	39	41	87	93	31	33	109	114	*179	*237	32	34	112	117	*179	*237
60 x 60	7	12	21	43	44	93	19	36	58	120	123	166	19	37	59	123	126	170
60 x 72	7	10	21	37	42	91	19	28	58	103	117	163	19	29	59	106	120	167
60 x 84	7	10	21	28	48	63	19	28	58	78	134	176	19	29	59	80	138	181
60 x 96	6	7	21	27	47	61	19	20	58	75	131	170	19	20	59	77	134	175
60 x 108	6	7	21	24	46	59	16	19	58	67	128	160	16	19	59	69	133	164
60 x 120	5	6	20	23	43	52	14	16	56	64	120	145	14	16	58	65	123	149

NOTES

- ▶ Load values are limited by deflection equal to L/60. For other deflection limits, multiply the Live Load values by the appropriate factor.
- ▶ Fastener capacity is based on GeoMetal™ standard fastener type into 14ga steel substrate.
- ▶ Results are based on the standard GeoMetal™ fastener spacing of 8" on center.
- ▶ Deflection limits are based on the short panel dimension, and the panel orientations shown in the product documentation.
- ▶ Tabulated values apply to either fasteners applied to long sides of panels only (Edge) or full perimeter fasteners (Perimeter).
- ▶ Tabulated values marked with an asterisk indicate load limited by fastener capacity.
- ▶ This table was designed to apply to "standard" GeoMetal™ installation methods. It may be possible to exceed the loads of this table by analyzing a specific application.
- ▶ This table is not intended to replace project-specific engineering calculations performed for your decorative metal project.
- ▶ Red values indicate pressure below 16 psf threshold.