

Entwine 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	54	57	194	208	*223	*310	152	159	*223	*310	*223	*310	157	164	*223	*310	*223	*310
30 x 60	48	51	181	183	*278	*357	152	153	*278	*357	*278	*357	158	159	*278	*357	*278	*357
30 x 72	48	50	177	180	*295	*357	152	153	*295	*357	*295	*357	158	159	*295	*357	*295	*357
30 x 84	51	55	176	177	*278	*331	143	149	*278	*331	*278	*331	149	154	*278	*331	*278	*331
30 x 96	51	55	176	177	*298	*334	143	148	*298	*334	*298	*334	149	153	*298	*334	*298	*334
30 x 108	50	53	167	174	*277	*317	143	148	*277	*317	*277	*317	149	153	*277	*317	*277	*317
30 x 120	56	56	167	174	*283	*321	143	147	*283	*321	*283	*321	149	153	*283	*321	*283	*321
48 x 48	12	14	43	50	102	118	34	38	120	137	*195	*334	36	38	124	144	*195	*334
48 x 60	12	13	42	44	102	111	34	36	115	122	*178	*290	36	38	119	127	*178	*290
48 x 72	12	13	40	43	100	108	34	36	114	121	*186	*278	36	38	118	125	*186	*278
48 x 84	12	13	41	42	98	99	34	36	116	119	*174	*254	36	37	119	121	*174	*254
48 x 96	12	13	41	42	97	99	34	36	116	119	*167	*237	36	37	120	123	*167	*237
48 x 108	12	13	41	42	97	98	34	35	116	118	*161	*223	35	36	120	122	*161	*223
48 x 120	12	13	41	42	97	98	34	35	116	117	*178	*234	35	36	120	121	*178	*234
60 x 60	6	7	24	27	56	66	19	22	66	77	156	184	19	22	69	80	161	190
60 x 72	6	7	23	24	57	61	19	20	65	69	159	170	20	21	67	72	164	176
60 x 84	6	7	22	24	54	56	19	20	63	67	150	157	19	20	65	69	156	162
60 x 96	6	7	21	23	53	55	19	20	64	66	149	156	19	20	66	69	155	161
60 x 108	6	7	21	23	52	54	19	20	64	65	152	154	19	20	66	68	157	160
60 x 120	6	7	21	22	51	53	19	20	65	66	152	154	19	20	66	67	155	159

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.