

# Pixel 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	57	65	180	227	*227	*315	158	186	*227	*315	*227	*315	160	189	*227	*315	*227	*315
30 x 60	55	62	179	205	*282	*343	152	164	*282	*343	*282	*343	157	170	*282	*343	*282	*343
30 x 72	58	60	190	200	*300	*324	154	166	*300	*324	*300	*324	160	172	*300	*324	*300	*324
30 x 84	58	60	190	200	*282	*337	152	163	*282	*337	*282	*337	158	169	*282	*337	*282	*337
30 x 96	58	60	191	201	*308	*340	161	165	*308	*340	*308	*340	167	172	*308	*340	*308	*340
30 x 108	58	60	190	200	*281	*323	161	167	*281	*323	*281	*323	167	173	*281	*323	*281	*323
30 x 120	56	60	190	200	*287	*327	156	164	*287	*327	*287	*327	161	170	*287	*327	*287	*327
48 x 48	12	29	41	95	93	216	37	81	114	266	*198	*340	38	83	117	273	*198	*340
48 x 60	12	19	43	67	93	157	34	57	114	187	*180	*295	35	58	117	192	*180	*295
48 x 72	12	15	42	55	95	125	33	42	117	154	*189	*282	34	43	120	158	*189	*282
48 x 84	12	14	42	49	94	112	33	39	120	137	*176	*258	34	40	123	141	*176	*258
48 x 96	12	14	42	47	96	108	41	45	112	116	*169	*241	43	47	109	124	*169	*241
48 x 108	12	14	41	45	94	103	33	39	114	126	*163	*227	34	40	117	129	*163	*227
48 x 120	12	13	40	44	93	99	34	35	112	123	*180	*238	35	36	115	126	*180	*238
60 x 60	7	12	22	51	50	113	19	33	61	142	140	*257	19	34	62	146	144	*257
60 x 72	6	11	22	38	51	86	16	30	61	106	142	240	16	31	62	109	146	247
60 x 84	6	9	22	31	49	69	16	25	61	86	137	193	16	26	62	88	141	198
60 x 96	6	8	22	27	49	66	19	21	61	75	137	184	19	22	62	77	141	189
60 x 108	6	8	22	25	50	60	19	20	61	69	140	168	19	20	62	71	144	173
60 x 120	6	8	22	24	49	58	18	19	61	67	137	162	18	19	62	69	141	166

### 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.