

Suds 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	62	70	195	222	*233	*323	183	195	*233	*323	*233	*323	179	202	*233	*323	*233	*323
30 x 60	57	61	193	202	*290	*335	158	165	*290	*335	*290	*335	167	184	*290	*335	*290	*335
30 x 72	58	61	195	204	*308	*317	161	169	*308	*317	*308	*317	164	171	*308	*317	*308	*317
30 x 84	58	60	191	198	*290	*346	162	166	*290	*346	*290	*346	168	173	*290	*346	*290	*346
30 x 96	60	61	192	194	*323	*349	169	170	*323	*349	*323	*349	175	177	*323	*349	*323	*349
30 x 108	61	62	187	194	*289	*332	169	171	*289	*332	*289	*332	175	177	*289	*332	*289	*332
30 x 120	58	62	193	199	*295	*336	164	173	*295	*336	*295	*336	170	179	*295	*336	*295	*336
48 x 48	12	25	40	86	92	196	33	70	112	240	*203	*349	34	72	115	247	*203	*349
48 x 60	12	18	39	58	90	132	33	50	109	162	*185	*303	34	51	112	166	*185	*303
48 x 72	12	15	40	50	92	114	33	42	112	140	*194	*290	34	43	115	144	*194	*290
48 x 84	12	14	40	45	92	106	33	39	112	126	*181	*265	34	40	115	129	*181	*265
48 x 96	12	13	41	45	92	105	35	40	114	126	*174	*248	36	38	117	129	*174	*248
48 x 108	12	13	40	44	91	96	34	35	112	123	*168	*233	35	36	115	126	*168	*233
48 x 120	12	13	40	42	90	95	34	35	112	117	*185	*245	35	38	123	138	*185	*245
60 x 60	7	14	21	48	49	103	19	39	58	134	137	240	19	40	59	138	141	242
60 x 72	7	10	22	34	50	77	19	28	64	103	140	215	19	29	66	106	144	221
60 x 84	7	9	23	30	50	65	19	25	64	84	140	182	19	26	65	86	144	187
60 x 96	6	8	21	28	50	61	19	21	58	78	140	170	19	22	59	80	144	175
60 x 108	6	7	21	25	51	58	19	20	58	69	142	162	19	20	59	71	146	166
60 x 120	6	7	22	24	50	53	18	19	61	67	140	154	19	19	62	69	144	158

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.