

Strata 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	43	57	104	138	247	327	79	106	*263	*363	*263	*363	82	110	*263	*363	*263	*363
30 x 60	41	55	91	102	231	254	78	87	*295	*330	*295	*330	81	91	*295	*330	*295	*330
30 x 72	31	31	103	107	243	252	84	87	*312	*335	*312	*335	88	90	*312	*335	*312	*335
30 x 84	27	28	93	93	230	232	73	74	*313	*337	*313	*337	76	76	*313	*337	*313	*337
30 x 96	27	28	92	93	230	232	78	80	*292	*317	*292	*317	81	83	*292	*317	*292	*317
30 x 108	27	28	91	91	217	217	79	79	*307	*323	*307	*323	82	82	*307	*323	*307	*323
30 x 120	27	28	91	91	217	217	83	83	*300	*320	*300	*320	86	86	*300	*320	*300	*320
48 x 48	6	19	22	33	50	159	16	53	61	92	138	208	16	54	63	95	142	214
48 x 60	6	12	20	39	50	96	16	33	56	109	127	207	16	34	57	112	130	213
48 x 72	6	9	21	31	47	70	16	25	58	86	126	195	16	26	59	88	129	200
48 x 84	6	7	20	25	49	60	16	19	56	70	125	159	16	19	57	72	128	163
48 x 96	5	6	19	22	48	55	14	16	53	61	120	138	14	16	54	62	123	142
48 x 108	5	6	18	20	47	51	14	16	50	53	113	120	14	16	51	54	116	123
48 x 120	5	6	18	20	45	47	14	16	50	56	113	127	14	16	51	57	116	130
60 x 60	3	10	11	36	27	86	8	28	30	100	68	172	8	28	31	103	70	177
60 x 72	3	7	10	22	24	54	8	19	28	61	67	151	8	19	28	62	69	155
60 x 84	3	5	11	18	26	42	8	14	30	50	72	117	8	14	31	52	74	120
60 x 96	3	4	14	14	25	35	8	11	28	39	70	98	8	11	29	40	72	100
60 x 108	3	4	12	12	25	31	8	11	28	33	70	86	8	11	29	34	72	88
60 x 120	3	3	11	11	24	28	8	9	28	30	67	78	8	9	28	31	69	80

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.