

Ebb 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	26	41	88	136	205	315	72	114	246	380	*466	*600	74	118	253	391	*466	*600
30 x 60	24	37	81	121	188	282	67	103	226	338	*426	*640	69	106	232	348	*426	*640
30 x 72	23	27	80	88	176	205	64	75	224	246	*444	512	66	77	218	253	*444	527
30 x 84	23	25	76	82	186	191	64	70	212	229	*419	*495	66	72	230	235	*419	*495
30 x 96	22	24	75	75	172	172	61	67	210	210	*433	481	62	69	216	216	*433	495
30 x 108	21	23	67	73	154	167	58	64	187	204	*414	467	59	65	192	210	*414	*474
30 x 120	20	22	64	70	147	161	56	61	179	196	411	450	57	62	184	201	423	463
48 x 48	8	10	30	39	96	124	23	26	84	109	268	347	23	26	86	112	276	357
48 x 60	8	10	29	37	92	118	23	25	81	103	257	330	23	25	83	106	264	339
48 x 72	8	10	28	36	89	115	23	25	78	100	249	322	23	25	80	103	256	331
48 x 84	8	10	28	33	89	105	23	25	78	92	249	294	23	25	80	94	256	302
48 x 96	7	9	28	32	89	102	19	25	78	89	249	285	19	25	80	91	256	293
48 x 108	7	9	28	31	89	99	19	25	78	86	249	277	19	25	80	88	256	285
48 x 120	6	8	28	31	89	99	16	22	78	86	249	277	16	22	80	88	256	285
60 x 60	6	7	15	33	48	105	19	22	42	92	134	187	19	22	43	94	138	192
60 x 72	6	7	15	23	44	73	19	20	40	64	123	177	19	21	41	65	126	182
60 x 84	5	6	14	19	44	60	14	16	39	53	123	168	14	16	40	54	126	173
60 x 96	5	6	14	17	44	54	14	16	39	47	123	151	14	16	40	48	126	155
60 x 108	5	6	14	15	44	48	14	16	39	42	123	134	14	16	40	43	126	138
60 x 120	4	5	14	15	44	48	11	14	39	42	123	134	11	14	40	43	126	138

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.