

WINDLOAD CHART
MULLION WIDTH

Inches	24	30	36	42	48	54	60	66	72	78	84
42	0.0010	0.0012	0.0015	0.0017	0.0019	0.0022	0.0024	0.0027	0.0029	0.0032	0.0034
48	0.0014	0.0018	0.0022	0.0025	0.0029	0.0033	0.0036	0.0040	0.0043	0.0047	0.0051
54	0.0021	0.0026	0.0031	0.0036	0.0041	0.0046	0.0052	0.0057	0.0062	0.0067	0.0072
60	0.0028	0.0035	0.0042	0.0050	0.0057	0.0064	0.0071	0.0078	0.0085	0.0092	0.0099
66	0.0038	0.0047	0.0056	0.0066	0.0075	0.0085	0.0094	0.0104	0.0113	0.0122	0.0132
72	0.0049	0.0061	0.0073	0.0086	0.0098	0.0110	0.0122	0.0134	0.0147	0.0159	0.0171
78	0.0062	0.0078	0.0093	0.0109	0.0124	0.0140	0.0155	0.0171	0.0186	0.0202	0.0218
84	0.0078	0.0097	0.0116	0.0136	0.0155	0.0175	0.0194	0.0213	0.0233	0.0252	0.0272
90	0.0095	0.0119	0.0143	0.0167	0.0191	0.0215	0.0239	0.0263	0.0286	0.0310	0.0334
96	0.0116	0.0145	0.0174	0.0203	0.0232	0.0261	0.0290	0.0319	0.0348	0.0377	0.0406
102	0.0139	0.0174	0.0208	0.0243	0.0278	0.0313	0.0347	0.0382	0.0417	0.0452	0.0486
108	0.0165	0.0206	0.0247	0.0289	0.0330	0.0371	0.0412	0.0454	0.0495	0.0536	0.0577
114	0.0194	0.0243	0.0291	0.0340	0.0388	0.0437	0.0485	0.0534	0.0582	0.0631	0.0679
120	0.0226	0.0283	0.0339	0.0396	0.0453	0.0509	0.0566	0.0622	0.0679	0.0735	0.0792
132	0.0301	0.0376	0.0452	0.0527	0.0602	0.0678	0.0753	0.0828	0.0904	0.0979	0.1054
144	0.0391	0.0489	0.0587	0.0684	0.0782	0.0880	0.0978	0.1075	0.1173	0.1271	0.1369
156	0.0497	0.0621	0.0746	0.0870	0.0994	0.1119	0.1243	0.1367	0.1491	0.1616	0.1740
168	0.0627	0.0784	0.0941	0.1098	0.1255	0.1412	0.1569	0.1726	0.1882	0.2039	0.2196
180	0.0786	0.0982	0.1178	0.1375	0.1571	0.1768	0.1964	0.2160	0.2357	0.2553	0.2749
192	0.0969	0.1211	0.1453	0.1695	0.1937	0.2179	0.2421	0.2663	0.2906	0.3148	0.3390
204	0.1178	0.1473	0.1767	0.2062	0.2356	0.2651	0.2945	0.3240	0.3535	0.3829	0.4124
216	0.1416	0.1771	0.2125	0.2479	0.2833	0.3187	0.3541	0.3895	0.4249	0.4604	0.4958
228	0.1685	0.2106	0.2528	0.2949	0.3370	0.3792	0.4213	0.4634	0.5056	0.5477	0.5898
240	0.1986	0.2483	0.2979	0.3476	0.3972	0.4469	0.4966	0.5462	0.5959	0.6455	0.6952
252	0.2321	0.2902	0.3482	0.4062	0.4643	0.5223	0.5803	0.6384	0.6964	0.7545	0.8125
264	0.2693	0.3366	0.4039	0.4712	0.5385	0.6058	0.6731	0.7405	0.8078	0.8751	0.9424
276	0.3102	0.3877	0.4653	0.5428	0.6203	0.6979	0.7754	0.8530	0.9305	1.0080	1.0856
288	0.3551	0.4438	0.5326	0.6213	0.7101	0.7989	0.8876	0.9764	1.0652	1.1539	1.2427
300	0.4041	0.5051	0.6061	0.7072	0.8082	0.9092	1.0102	1.1113	1.2123	1.3133	1.4143
312	0.4575	0.5719	0.6862	0.8006	0.9150	1.0293	1.1437	1.2581	1.3725	1.4868	1.6012
324	0.5154	0.6443	0.7731	0.9020	1.0308	1.1597	1.2885	1.4174	1.5462	1.6751	1.8039
336	0.5780	0.7226	0.8671	1.0116	1.1561	1.3006	1.4451	1.5896	1.7341	1.8787	2.0232
348	0.6456	0.8070	0.9684	1.1298	1.2912	1.4526	1.6140	1.7754	1.9368	2.0982	2.2596
360	0.7182	0.8978	1.0773	1.2569	1.4365	1.6160	1.7956	1.9751	2.1547	2.3342	2.5138

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Find the constant by identifying the mullion width and height
 To determine the 'I' Value, multiply the constant by the actual windload
 Resultant 'I' values are based upon simple span calculations and uniform load distribution

Allowable deflections are as follows:
 Mullions under 168" are designed for L/175 allowable deflection
 Mullions over 168" are designed for L/240 + 1/4" deflection
 Calculations are based upon E=29,000,000 psi (steel)

Example:
 To determine the 'I' Value of a 66" mullion width and 180" mullion height @ 40 psf windload:
 Calculate: .2160 x 40 psf = 8.64 in⁴