

BXUV.J957
Beam for Unprotected Floor/Ceiling - Precast Concrete Units
Unrestrained Beam Normal Weight Concrete or Light Weight Concrete
GCP APPLIED TECHNOLOGIES INC — Types MK-6/HY, MK-6/HB, MK-6s, MK-10 HB, MK-10 HB Extended Set, RG , Z-106, Z-106/G, Z-106/HY

Member			FULL FLANGE TIP THICKNESS (in.)			
			1 hr	1.5 hr	2 hr	3 hr
Size x	Wt.	W/D				
W4 x 13	0.670		1/2	7/8	1 1/8	1 1/2
W5 x 16	0.664		1/2	7/8	1 1/8	1 1/2
W5 x 19	0.776		1/2	13/16	1 1/16	1 3/8
W6 x 9	0.398		5/8	1 1/8	1 7/16	1 7/8
W6 x 12	0.526		9/16	1	1 5/16	1 11/16
W6 x 15	0.521		9/16	1	1 5/16	1 11/16
W6 x 16	0.684		1/2	7/8	1 1/8	1 1/2
W6 x 20	0.678		1/2	7/8	1 1/8	1 1/2
W6 x 25	0.839		7/16	3/4	1	1 5/16
W8 x 10	0.375		11/16	1 1/8	1 1/2	1 15/16
W8 x 13	0.483		5/8	1	1 5/16	1 3/4
W8 x 15	0.551		9/16	15/16	1 1/4	1 5/8
W8 x 18	0.583		9/16	15/16	1 1/4	1 5/8
W8 x 21	0.675		1/2	7/8	1 1/8	1 1/2
W8 x 24	0.704		1/2	7/8	1 1/8	1 7/16
W8 x 28	0.819		7/16	3/4	1	1 5/16
W8 x 31	0.803		1/2	13/16	1 1/16	1 3/8
W8 x 35	0.907		7/16	3/4	1	1 1/4
W8 x 40	1.030		7/16	11/16	7/8	1 3/16
W8 x 48	1.210		3/8	5/8	13/16	1 1/16
W8 x 58	1.440		3/8	9/16	3/4	15/16
W8 x 67	1.650		3/8	1/2	11/16	7/8
W10 x 12	0.392		11/16	1 1/8	1 7/16	1 15/16
W10 x 15	0.484		5/8	1	1 5/16	1 3/4
W10 x 17	0.543		9/16	15/16	1 1/4	1 11/16
W10 x 19	0.607		9/16	15/16	1 3/16	1 9/16
W10 x 22	0.606		9/16	15/16	1 3/16	1 9/16
W10 x 26	0.708		1/2	7/8	1 1/8	1 7/16
W10 x 30	0.809		1/2	13/16	1 1/16	1 3/8
W10 x 33	0.786		1/2	13/16	1 1/16	1 3/8
W10 x 39	0.929		7/16	3/4	15/16	1 1/4
W10 x 45	1.060		3/8	11/16	7/8	1 1/8
W10 x 49	1.010		7/16	11/16	15/16	1 3/16
W10 x 54	1.110		3/8	5/8	7/8	1 1/8
W10 x 60	1.220		3/8	5/8	13/16	1 1/16
W10 x 68	1.380		3/8	9/16	3/4	1
W10 x 77	1.540		3/8	1/2	11/16	7/8
W10 x 88	1.740		3/8	1/2	5/8	13/16
W10 x 100	1.970		3/8	7/16	9/16	3/4
W10 x 112	2.170		3/8	7/16	9/16	11/16
W12 x 14	0.405		5/8	1 1/16	1 7/16	1 7/8
W12 x 16	0.457		5/8	1 1/16	1 3/8	1 13/16
W12 x 19	0.540		9/16	15/16	1 1/4	1 11/16
W12 x 22	0.623		9/16	7/8	1 3/16	1 9/16
W12 x 26	0.612		9/16	15/16	1 3/16	1 9/16
W12 x 30	0.699		1/2	7/8	1 1/8	1 7/16

Member		FULL FLANGE TIP THICKNESS (in.)			
		1 hr	1.5 hr	2 hr	3 hr
Size x Wt.	W/D				
W12 x 35	0.810	1/2	13/16	1 1/16	1 3/8
W12 x 40	0.860	7/16	3/4	1	1 5/16
W12 x 45	0.974	7/16	11/16	15/16	1 3/16
W12 x 50	1.060	3/8	11/16	7/8	1 1/8
W12 x 53	1.020	7/16	11/16	15/16	1 3/16
W12 x 58	1.100	3/8	11/16	7/8	1 1/8
W12 x 65	1.110	3/8	5/8	7/8	1 1/8
W12 x 72	1.230	3/8	5/8	13/16	1 1/16
W12 x 79	1.340	3/8	9/16	3/4	1
W12 x 87	1.470	3/8	9/16	11/16	15/16
W12 x 96	1.610	3/8	1/2	11/16	7/8
W12 x 106	1.770	3/8	1/2	5/8	13/16
W12 x 120	1.990	3/8	7/16	9/16	3/4
W12 x 136	2.230	3/8	7/16	9/16	11/16
W12 x 152	2.450	3/8	3/8	1/2	5/8
W12 x 170	2.720	3/8	3/8	7/16	9/16
W12 x 190	3.000	3/8	3/8	7/16	9/16
W12 x 210	3.270	3/8	3/8	3/8	1/2
W12 x 230	3.550	3/8	3/8	3/8	1/2
W12 x 252	3.840	3/8	3/8	3/8	7/16
W12 x 279	4.190	3/8	3/8	3/8	7/16
W12 x 305	4.490	3/8	3/8	3/8	3/8
W12 x 336	4.850	3/8	3/8	3/8	3/8
W14 x 22	0.534	9/16	1	1 5/16	1 11/16
W14 x 26	0.628	9/16	7/8	1 3/16	1 9/16
W14 x 30	0.644	1/2	7/8	1 3/16	1 1/2
W14 x 34	0.725	1/2	13/16	1 1/8	1 7/16
W14 x 38	0.809	1/2	13/16	1 1/16	1 3/8
W14 x 43	0.874	7/16	3/4	1	1 5/16
W14 x 48	0.970	7/16	11/16	15/16	1 3/16
W14 x 53	1.060	3/8	11/16	7/8	1 1/8
W14 x 61	1.100	3/8	11/16	7/8	1 1/8
W14 x 68	1.220	3/8	5/8	13/16	1 1/16
W14 x 74	1.320	3/8	9/16	3/4	1
W14 x 82	1.450	3/8	9/16	3/4	15/16
W14 x 90	1.310	3/8	9/16	3/4	1
W14 x 99	1.430	3/8	9/16	3/4	15/16
W14 x 109	1.570	3/8	1/2	11/16	7/8
W14 x 120	1.710	3/8	1/2	5/8	13/16
W14 x 132	1.890	3/8	7/16	5/8	3/4
W14 x 145	1.990	3/8	7/16	9/16	3/4
W14 x 159	2.160	3/8	7/16	9/16	11/16
W14 x 176	2.380	3/8	3/8	1/2	5/8
W14 x 193	2.600	3/8	3/8	1/2	5/8
W14 x 211	2.810	3/8	3/8	7/16	9/16
W14 x 233	3.080	3/8	3/8	7/16	9/16
W14 x 257	3.360	3/8	3/8	3/8	1/2
W14 x 283	3.660	3/8	3/8	3/8	7/16
W14 x 311	3.980	3/8	3/8	3/8	7/16
W14 x 342	4.320	3/8	3/8	3/8	7/16
W14 x 370	4.630	3/8	3/8	3/8	3/8
W14 x 398	4.930	3/8	3/8	3/8	3/8
W14 x 426	5.210	3/8	3/8	3/8	3/8
W14 x 455	5.530	3/8	3/8	3/8	3/8

Member		FULL FLANGE TIP THICKNESS (in.)			
		1 hr	1.5 hr	2 hr	3 hr
Size x Wt.	W/D				
W14 x 500	5.950	3/8	3/8	3/8	3/8
W14 x 550	6.430	3/8	3/8	3/8	3/8
W14 x 605	6.960	3/8	3/8	3/8	3/8
W14 x 665	7.490	3/8	3/8	3/8	3/8
W14 x 730	8.080	3/8	3/8	3/8	3/8
W16 x 26	0.558	9/16	15/16	1 1/4	1 5/8
W16 x 31	0.661	1/2	7/8	1 3/16	1 1/2
W16 x 36	0.702	1/2	7/8	1 1/8	1 7/16
W16 x 40	0.780	1/2	13/16	1 1/16	1 3/8
W16 x 45	0.870	7/16	3/4	1	1 5/16
W16 x 50	0.962	7/16	11/16	15/16	1 1/4
W16 x 57	1.090	3/8	11/16	7/8	1 1/8
W16 x 67	1.090	3/8	11/16	7/8	1 1/8
W16 x 77	1.250	3/8	5/8	13/16	1 1/16
W16 x 89	1.430	3/8	9/16	3/4	15/16
W16 x 100	1.590	3/8	1/2	11/16	7/8
W18 x 35	0.672	1/2	7/8	1 1/8	1 1/2
W18 x 40	0.768	1/2	13/16	1 1/16	1 3/8
W18 x 46	0.876	7/16	3/4	1	1 5/16
W18 x 50	0.880	7/16	3/4	1	1 5/16
W18 x 55	0.963	7/16	11/16	15/16	1 1/4
W18 x 60	1.040	7/16	11/16	7/8	1 3/16
W18 x 65	1.130	3/8	5/8	7/8	1 1/8
W18 x 71	1.220	3/8	5/8	13/16	1 1/16
W18 x 76	1.130	3/8	5/8	7/8	1 1/8
W18 x 86	1.270	3/8	5/8	13/16	1
W18 x 97	1.420	3/8	9/16	3/4	15/16
W18 x 106	1.550	3/8	1/2	11/16	7/8
W18 x 119	1.720	3/8	1/2	5/8	13/16
W21 x 44	0.746	1/2	13/16	1 1/16	1 7/16
W21 x 50	0.838	7/16	3/4	1	1 5/16
W21 x 57	0.952	7/16	11/16	15/16	1 1/4
W21 x 62	0.952	7/16	11/16	15/16	1 1/4
W21 x 68	1.040	7/16	11/16	7/8	1 3/16
W21 x 73	1.110	3/8	5/8	7/8	1 1/8
W21 x 83	1.260	3/8	5/8	13/16	1 1/16
W21 x 93	1.400	3/8	9/16	3/4	15/16
W21 x 101	1.300	3/8	9/16	3/4	1
W21 x 111	1.430	3/8	9/16	3/4	15/16
W21 x 122	1.570	3/8	1/2	11/16	7/8
W21 x 132	1.680	3/8	1/2	5/8	7/8
W21 x 147	1.870	3/8	7/16	5/8	13/16
W24 x 55	0.828	7/16	3/4	1	1 5/16
W24 x 62	0.934	7/16	3/4	15/16	1 1/4
W24 x 68	0.942	7/16	3/4	15/16	1 1/4
W24 x 76	1.050	7/16	11/16	7/8	1 3/16
W24 x 84	1.150	3/8	5/8	13/16	1 1/8
W24 x 94	1.280	3/8	5/8	13/16	1
W24 x 104	1.240	3/8	5/8	13/16	1 1/16
W24 x 117	1.380	3/8	9/16	3/4	1
W24 x 131	1.540	3/8	1/2	11/16	7/8
W24 x 146	1.700	3/8	1/2	5/8	13/16
W24 x 162	1.880	3/8	7/16	5/8	13/16
W27 x 84	1.030	7/16	11/16	7/8	1 3/16

Member		FULL FLANGE TIP THICKNESS (in.)			
		1 hr	1.5 hr	2 hr	3 hr
Size x Wt.	W/D				
W27 x 94	1.150	3/8	5/8	13/16	1 1/8
W27 x 102	1.240	3/8	5/8	13/16	1 1/16
W27 x 114	1.390	3/8	9/16	3/4	15/16
W27 x 129	1.560	3/8	1/2	11/16	7/8
W27 x 146	1.550	3/8	1/2	11/16	7/8
W27 x 161	1.700	3/8	1/2	5/8	13/16
W27 x 178	1.870	3/8	7/16	5/8	13/16
W30 x 90	1.020	7/16	11/16	15/16	1 3/16
W30 x 99	1.120	3/8	5/8	7/8	1 1/8
W30 x 108	1.210	3/8	5/8	13/16	1 1/16
W30 x 116	1.300	3/8	9/16	3/4	1
W30 x 124	1.390	3/8	9/16	3/4	15/16
W30 x 132	1.470	3/8	9/16	11/16	15/16
W30 x 173	1.660	3/8	1/2	11/16	7/8
W30 x 191	1.850	3/8	7/16	5/8	13/16
W30 x 211	2.010	3/8	7/16	9/16	3/4
W33 x 118	1.210	3/8	5/8	13/16	1 1/16
W33 x 130	1.320	3/8	9/16	3/4	1
W33 x 141	1.430	3/8	9/16	3/4	15/16
W33 x 152	1.530	3/8	1/2	11/16	7/8
W33 x 169	1.700	3/8	1/2	5/8	13/16
W33 x 201	1.790	3/8	1/2	5/8	13/16
W33 x 221	1.970	3/8	7/16	9/16	3/4
W33 x 241	2.130	3/8	7/16	9/16	11/16
W36 x 135	1.290	3/8	5/8	13/16	1
W36 x 150	1.430	3/8	9/16	3/4	15/16
W36 x 160	1.510	3/8	9/16	11/16	15/16
W36 x 170	1.600	3/8	1/2	11/16	7/8
W36 x 182	1.720	3/8	1/2	5/8	13/16
W36 x 194	1.810	3/8	1/2	5/8	13/16
W36 x 210	1.960	3/8	7/16	9/16	3/4
W36 x 230	1.950	3/8	7/16	9/16	3/4
W36 x 245	2.080	3/8	7/16	9/16	3/4
W36 x 256	2.370	3/8	3/8	1/2	11/16
W36 x 260	2.180	3/8	7/16	9/16	11/16
W36 x 280	2.350	3/8	3/8	1/2	11/16
W36 x 300	2.500	3/8	3/8	1/2	5/8
Other	0.370	11/16	1 1/8	1 1/2	1 15/16
Other	0.380	11/16	1 1/8	1 1/2	1 15/16
Other	0.390	11/16	1 1/8	1 7/16	1 15/16
Other	0.400	5/8	1 1/8	1 7/16	1 7/8
Other	0.410	5/8	1 1/16	1 7/16	1 7/8
Other	0.420	5/8	1 1/16	1 7/16	1 7/8
Other	0.430	5/8	1 1/16	1 7/16	1 13/16
Other	0.440	5/8	1 1/16	1 3/8	1 13/16
Other	0.450	5/8	1 1/16	1 3/8	1 13/16
Other	0.460	5/8	1 1/16	1 3/8	1 13/16
Other	0.470	5/8	1	1 3/8	1 3/4
Other	0.480	5/8	1	1 3/8	1 3/4
Other	0.490	5/8	1	1 5/16	1 3/4
Other	0.500	5/8	1	1 5/16	1 3/4
Other	0.510	9/16	1	1 5/16	1 11/16
Other	0.520	9/16	1	1 5/16	1 11/16
Other	0.530	9/16	1	1 5/16	1 11/16

Member		FULL FLANGE TIP THICKNESS (in.)			
		1 hr	1.5 hr	2 hr	3 hr
Size x Wt.	W/D				
Other	0.540	9/16	15/16	1 1/4	1 11/16
Other	0.550	9/16	15/16	1 1/4	1 5/8
Other	0.560	9/16	15/16	1 1/4	1 5/8
Other	0.570	9/16	15/16	1 1/4	1 5/8
Other	0.580	9/16	15/16	1 1/4	1 5/8
Other	0.590	9/16	15/16	1 1/4	1 5/8
Other	0.600	9/16	15/16	1 3/16	1 9/16
Other	0.610	9/16	15/16	1 3/16	1 9/16
Other	0.620	9/16	7/8	1 3/16	1 9/16
Other	0.630	9/16	7/8	1 3/16	1 9/16
Other	0.640	9/16	7/8	1 3/16	1 9/16
Other	0.650	1/2	7/8	1 3/16	1 1/2
Other	0.660	1/2	7/8	1 3/16	1 1/2
Other	0.670	1/2	7/8	1 1/8	1 1/2
Other	0.680	1/2	7/8	1 1/8	1 1/2
Other	0.690	1/2	7/8	1 1/8	1 1/2
Other	0.700	1/2	7/8	1 1/8	1 7/16
Other	0.710	1/2	13/16	1 1/8	1 7/16
Other	0.720	1/2	13/16	1 1/8	1 7/16
Other	0.730	1/2	13/16	1 1/8	1 7/16
Other	0.740	1/2	13/16	1 1/16	1 7/16
Other	0.750	1/2	13/16	1 1/16	1 7/16
Other	0.760	1/2	13/16	1 1/16	1 3/8
Other	0.770	1/2	13/16	1 1/16	1 3/8
Other	0.780	1/2	13/16	1 1/16	1 3/8
Other	0.790	1/2	13/16	1 1/16	1 3/8
Other	0.800	1/2	13/16	1 1/16	1 3/8
Other	0.810	1/2	13/16	1 1/16	1 3/8
Other	0.820	7/16	3/4	1	1 5/16
Other	0.830	7/16	3/4	1	1 5/16
Other	0.840	7/16	3/4	1	1 5/16
Other	0.850	7/16	3/4	1	1 5/16
Other	0.860	7/16	3/4	1	1 5/16
Other	0.870	7/16	3/4	1	1 5/16
Other	0.880	7/16	3/4	1	1 5/16
Other	0.890	7/16	3/4	1	1 1/4
Other	0.900	7/16	3/4	1	1 1/4
Other	0.910	7/16	3/4	1	1 1/4
Other	0.920	7/16	3/4	15/16	1 1/4
Other	0.930	7/16	3/4	15/16	1 1/4
Other	0.940	7/16	3/4	15/16	1 1/4
Other	0.950	7/16	11/16	15/16	1 1/4
Other	0.960	7/16	11/16	15/16	1 1/4
Other	0.970	7/16	11/16	15/16	1 3/16
Other	0.980	7/16	11/16	15/16	1 3/16
Other	0.990	7/16	11/16	15/16	1 3/16
Other	1.000	7/16	11/16	15/16	1 3/16
Other	1.010	7/16	11/16	15/16	1 3/16
Other	1.020	7/16	11/16	15/16	1 3/16
Other	1.030	7/16	11/16	7/8	1 3/16
Other	1.040	7/16	11/16	7/8	1 3/16
Other	1.050	7/16	11/16	7/8	1 3/16
Other	1.060	3/8	11/16	7/8	1 1/8
Other	1.070	3/8	11/16	7/8	1 1/8

		<i>FULL FLANGE TIP THICKNESS (in.)</i>			
Member		1 hr	1.5 hr	2 hr	3 hr
Size x Wt.	W/D				
Other	1.080	3/8	11/16	7/8	1 1/8
Other	1.090	3/8	11/16	7/8	1 1/8
Other	1.100	3/8	11/16	7/8	1 1/8
Other	1.110	3/8	5/8	7/8	1 1/8
Other	1.120	3/8	5/8	7/8	1 1/8
Other	1.130	3/8	5/8	7/8	1 1/8
Other	1.140	3/8	5/8	7/8	1 1/8
Other	1.150	3/8	5/8	13/16	1 1/8
Other	1.160	3/8	5/8	13/16	1 1/16
Other	1.170	3/8	5/8	13/16	1 1/16
Other	1.180	3/8	5/8	13/16	1 1/16
Other	1.190	3/8	5/8	13/16	1 1/16
Other	1.200	3/8	5/8	13/16	1 1/16
Other	1.210	3/8	5/8	13/16	1 1/16
Other	1.220	3/8	5/8	13/16	1 1/16
Other	1.230	3/8	5/8	13/16	1 1/16
Other	1.240	3/8	5/8	13/16	1 1/16
Other	1.250	3/8	5/8	13/16	1 1/16
Other	1.260	3/8	5/8	13/16	1 1/16
Other	1.270	3/8	5/8	13/16	1
Other	1.280	3/8	5/8	13/16	1
Other	1.290	3/8	5/8	13/16	1
Other	1.300	3/8	9/16	3/4	1
Other	1.310	3/8	9/16	3/4	1
Other	1.320	3/8	9/16	3/4	1
Other	1.330	3/8	9/16	3/4	1
Other	1.340	3/8	9/16	3/4	1
Other	1.350	3/8	9/16	3/4	1
Other	1.360	3/8	9/16	3/4	1
Other	1.370	3/8	9/16	3/4	1
Other	1.380	3/8	9/16	3/4	1
Other	1.390	3/8	9/16	3/4	15/16
Other	1.400	3/8	9/16	3/4	15/16
Other	1.410	3/8	9/16	3/4	15/16
Other	1.420	3/8	9/16	3/4	15/16
Other	1.430	3/8	9/16	3/4	15/16
Other	1.440	3/8	9/16	3/4	15/16
Other	1.450	3/8	9/16	3/4	15/16
Other	1.460	3/8	9/16	3/4	15/16
Other	1.470	3/8	9/16	11/16	15/16
Other	1.480	3/8	9/16	11/16	15/16
Other	1.490	3/8	9/16	11/16	15/16
Other	1.500	3/8	9/16	11/16	15/16
Other	1.510	3/8	9/16	11/16	15/16
Other	1.520	3/8	9/16	11/16	15/16
Other	1.530	3/8	1/2	11/16	7/8
Other	1.540	3/8	1/2	11/16	7/8
Other	1.550	3/8	1/2	11/16	7/8
Other	1.560	3/8	1/2	11/16	7/8
Other	1.570	3/8	1/2	11/16	7/8
Other	1.580	3/8	1/2	11/16	7/8
Other	1.590	3/8	1/2	11/16	7/8
Other	1.600	3/8	1/2	11/16	7/8
Other	1.610	3/8	1/2	11/16	7/8

		<i>FULL FLANGE TIP THICKNESS (in.)</i>			
Member		1 hr	1.5 hr	2 hr	3 hr
Size x Wt.	W/D				
Other	1.620	3/8	1/2	11/16	7/8
Other	1.630	3/8	1/2	11/16	7/8
Other	1.640	3/8	1/2	11/16	7/8
Other	1.650	3/8	1/2	11/16	7/8
Other	1.660	3/8	1/2	11/16	7/8
Other	1.670	3/8	1/2	11/16	7/8
Other	1.680	3/8	1/2	5/8	7/8
Other	1.690	3/8	1/2	5/8	7/8
Other	1.700	3/8	1/2	5/8	13/16
Other	1.750	3/8	1/2	5/8	13/16
Other	1.800	3/8	1/2	5/8	13/16
Other	1.850	3/8	7/16	5/8	13/16
Other	1.900	3/8	7/16	5/8	3/4
Other	1.950	3/8	7/16	9/16	3/4
Other	2.000	3/8	7/16	9/16	3/4
Other	2.250	3/8	3/8	1/2	11/16
Other	2.500	3/8	3/8	1/2	5/8
Other	2.750	3/8	3/8	7/16	9/16
Other	3.000	3/8	3/8	7/16	9/16
Other	3.250	3/8	3/8	3/8	1/2
Other	3.500	3/8	3/8	3/8	1/2
Other	3.750	3/8	3/8	3/8	7/16
Other	4.000	3/8	3/8	3/8	7/16
Other	4.250	3/8	3/8	3/8	7/16
Other	4.500	3/8	3/8	3/8	3/8
Other	4.750	3/8	3/8	3/8	3/8
Other	5.000	3/8	3/8	3/8	3/8
Other	5.250	3/8	3/8	3/8	3/8
Other	5.500	3/8	3/8	3/8	3/8
Other	5.750	3/8	3/8	3/8	3/8
Other	6.000	3/8	3/8	3/8	3/8
Other	6.250	3/8	3/8	3/8	3/8
Other	6.500	3/8	3/8	3/8	3/8
Other	6.750	3/8	3/8	3/8	3/8
Other	7.000	3/8	3/8	3/8	3/8
Other	8.000	3/8	3/8	3/8	3/8

The information contained in these tables are provided for the convenience of our Monokote customers and while we have taken care to be as accurate as possible and update as listings are modified, GCP will not be held responsible for errors or inaccuracies. In case of discrepancy, values from the applicable design listings and rules associated with adjustment of thickness shall govern.

This table is intended to be used in conjunction with the specified UL Design BXUV.J957. All required components specified in that UL Design shall remain a required component to achieve the hourly ratings. Only the version of UL Design BXUV.J957 as shown on UL.com is considered current.