

**BXUV.N852**

**Beam for Unprotected Floor/Ceiling, Fluted Decking**

**Restrained Beam**

**Normal Weight Concrete**

**GCP APPLIED TECHNOLOGIES INC — Types MK-6/HY, MK-6/HY Extended Set, MK-10 HB, MK-10 HB Extended Set, MK-6/HB, MK-6s, MK-6 GF, MK-6 GF Extended Set, MK-1000/HB, MK-1000/HB Extended Set, RG, Z-106, Z-106/G, Z-106/HY, Z-146, Z-146T, Z146PC, Z-156, Z-156T and Z-156PC**

FULL FLANGE TIP THICKNESS (in.)					Member Size x Wt. W/D	HALF FLANGE TIP THICKNESS (in.)					
1 hr	1.5 hr	2 hr	3 hr	4 hr		1 hr	1.5 hr	2 hr	3 hr	4 hr	
3/8	1/2	11/16	1 1/16	1 15/16	W4 x 13	0.670	3/8	1/2	11/16	1 3/8	1 15/16
3/8	1/2	11/16	1 1/16	1 15/16	W5 x 16	0.664	3/8	1/2	11/16	1 3/8	1 15/16
3/8	1/2	5/8	1	1 3/4	W5 x 19	0.776	3/8	1/2	5/8	1 1/4	1 3/4
1/2	5/8	13/16	1 3/8	2 7/16	W6 x 9	0.398	1/2	5/8	13/16	1 3/4	2 7/16
7/16	9/16	3/4	1 3/16	2 3/16	W6 x 12	0.526	7/16	9/16	3/4	1 1/2	2 3/16
7/16	9/16	3/4	1 3/16	2 3/16	W6 x 15	0.521	7/16	9/16	3/4	1 9/16	2 3/16
3/8	1/2	5/8	1 1/16	1 7/8	W6 x 16	0.684	3/8	1/2	5/8	1 5/16	1 7/8
3/8	1/2	5/8	1 1/16	1 7/8	W6 x 20	0.678	3/8	1/2	5/8	1 3/8	1 7/8
5/16	7/16	9/16	15/16	1 11/16	W6 x 25	0.839	5/16	7/16	9/16	1 3/16	1 11/16
1/2	11/16	7/8	1 3/8	2 1/2	W8 x 10	0.375	1/2	11/16	7/8	1 3/4	2 1/2
7/16	5/8	3/4	1 1/4	2 1/4	W8 x 13	0.483	7/16	5/8	3/4	1 9/16	2 1/4
7/16	9/16	3/4	1 3/16	2 1/8	W8 x 15	0.551	7/16	9/16	3/4	1 1/2	2 1/8
3/8	9/16	11/16	1 1/8	2 1/16	W8 x 18	0.583	3/8	9/16	11/16	1 7/16	2 1/16
3/8	1/2	11/16	1 1/16	1 15/16	W8 x 21	0.675	3/8	1/2	11/16	1 3/8	1 15/16
3/8	1/2	5/8	1 1/16	1 7/8	W8 x 24	0.704	3/8	1/2	5/8	1 5/16	1 7/8
5/16	7/16	9/16	15/16	1 11/16	W8 x 28	0.819	5/16	7/16	9/16	1 3/16	1 11/16
3/8	1/2	5/8	1	1 3/4	W8 x 31	0.803	3/8	1/2	5/8	1 1/4	1 3/4
5/16	7/16	9/16	15/16	1 5/8	W8 x 35	0.907	5/16	7/16	9/16	1 1/8	1 5/8
5/16	7/16	1/2	7/8	1 1/2	W8 x 40	1.030	5/16	7/16	1/2	1 1/16	1 1/2
5/16	3/8	1/2	3/4	1 3/8	W8 x 48	1.210	5/16	3/8	1/2	15/16	1 3/8
5/16	3/8	7/16	11/16	1 3/16	W8 x 58	1.440	5/16	3/8	7/16	7/8	1 3/16
5/16	3/8	3/8	5/8	1 1/8	W8 x 67	1.650	5/16	3/8	3/8	3/4	1 1/8
1/2	11/16	13/16	1 3/8	2 7/16	W10 x 12	0.392	1/2	11/16	13/16	1 3/4	2 7/16
7/16	5/8	3/4	1 1/4	2 1/4	W10 x 15	0.484	7/16	5/8	3/4	1 9/16	2 1/4
7/16	9/16	3/4	1 3/16	2 1/8	W10 x 17	0.543	7/16	9/16	3/4	1 1/2	2 1/8
3/8	9/16	11/16	1 1/8	2	W10 x 19	0.607	3/8	9/16	11/16	1 7/16	2
3/8	9/16	11/16	1 1/8	2	W10 x 22	0.606	3/8	9/16	11/16	1 7/16	2
3/8	1/2	5/8	1 1/16	1 7/8	W10 x 26	0.708	3/8	1/2	5/8	1 5/16	1 7/8
3/8	1/2	5/8	1	1 3/4	W10 x 30	0.809	3/8	1/2	5/8	1 1/4	1 3/4
3/8	1/2	5/8	1	1 3/4	W10 x 33	0.786	3/8	1/2	5/8	1 1/4	1 3/4
5/16	7/16	9/16	7/8	1 5/8	W10 x 39	0.929	5/16	7/16	9/16	1 1/8	1 5/8
5/16	3/8	1/2	13/16	1 1/2	W10 x 45	1.060	5/16	3/8	1/2	1 1/16	1 1/2
5/16	7/16	1/2	7/8	1 1/2	W10 x 49	1.010	5/16	7/16	1/2	1 1/16	1 1/2
5/16	3/8	1/2	13/16	1 7/16	W10 x 54	1.110	5/16	3/8	1/2	1	1 7/16
5/16	3/8	1/2	3/4	1 3/8	W10 x 60	1.220	5/16	3/8	1/2	15/16	1 3/8
5/16	3/8	7/16	11/16	1 1/4	W10 x 68	1.380	5/16	3/8	7/16	7/8	1 1/4
5/16	3/8	3/8	5/8	1 1/8	W10 x 77	1.540	5/16	3/8	3/8	13/16	1 1/8
5/16	3/8	3/8	5/8	1 1/16	W10 x 88	1.740	5/16	3/8	3/8	3/4	1 1/16
5/16	3/8	3/8	9/16	15/16	W10 x 100	1.970	5/16	3/8	3/8	11/16	15/16
5/16	3/8	3/8	1/2	7/8	W10 x 112	2.170	5/16	3/8	3/8	5/8	7/8
1/2	5/8	13/16	1 3/8	2 7/16	W12 x 14	0.405	1/2	5/8	13/16	1 11/16	2 7/16
7/16	5/8	13/16	1 5/16	2 5/16	W12 x 16	0.457	7/16	5/8	13/16	1 5/8	2 5/16
7/16	9/16	3/4	1 3/16	2 1/8	W12 x 19	0.540	7/16	9/16	3/4	1 1/2	2 1/8
3/8	9/16	11/16	1 1/8	2	W12 x 22	0.623	3/8	9/16	11/16	1 7/16	2
3/8	9/16	11/16	1 1/8	2	W12 x 26	0.612	3/8	9/16	11/16	1 7/16	2
3/8	1/2	5/8	1 1/16	1 7/8	W12 x 30	0.699	3/8	1/2	5/8	1 5/16	1 7/8
3/8	1/2	5/8	1	1 3/4	W12 x 35	0.810	3/8	1/2	5/8	1 1/4	1 3/4
5/16	7/16	9/16	15/16	1 11/16	W12 x 40	0.860	5/16	7/16	9/16	1 3/16	1 11/16
5/16	7/16	9/16	7/8	1 9/16	W12 x 45	0.974	5/16	7/16	9/16	1 1/8	1 9/16
5/16	3/8	1/2	13/16	1 1/2	W12 x 50	1.060	5/16	3/8	1/2	1 1/16	1 1/2
5/16	7/16	1/2	7/8	1 1/2	W12 x 53	1.020	5/16	7/16	1/2	1 1/16	1 1/2
5/16	3/8	1/2	13/16	1 7/16	W12 x 58	1.100	5/16	3/8	1/2	1	1 7/16
5/16	3/8	1/2	13/16	1 7/16	W12 x 65	1.110	5/16	3/8	1/2	1	1 7/16
5/16	3/8	7/16	3/4	1 5/16	W12 x 72	1.230	5/16	3/8	7/16	15/16	1 5/16
5/16	3/8	7/16	11/16	1 1/4	W12 x 79	1.340	5/16	3/8	7/16	7/8	1 1/4

FULL FLANGE TIP THICKNESS (in.)					Member		HALF FLANGE TIP THICKNESS (in.)				
1 hr	1.5 hr	2 hr	3 hr	4 hr	Size x Wt.	W/D	1 hr	1.5 hr	2 hr	3 hr	4 hr
5/16	3/8	7/16	11/16	1 3/16	W12 x 87	1.470	5/16	3/8	7/16	7/8	1 3/16
5/16	3/8	3/8	5/8	1 1/8	W12 x 96	1.610	5/16	3/8	3/8	13/16	1 1/8
5/16	3/8	3/8	9/16	1 1/16	W12 x 106	1.770	5/16	3/8	3/8	3/4	1 1/16
5/16	3/8	3/8	9/16	15/16	W12 x 120	1.990	5/16	3/8	3/8	11/16	15/16
5/16	3/8	3/8	1/2	7/8	W12 x 136	2.230	5/16	3/8	3/8	5/8	7/8
5/16	3/8	3/8	7/16	13/16	W12 x 152	2.450	5/16	3/8	3/8	9/16	13/16
5/16	3/8	3/8	7/16	3/4	W12 x 170	2.720	5/16	3/8	3/8	9/16	3/4
5/16	3/8	3/8	3/8	11/16	W12 x 190	3.000	5/16	3/8	3/8	1/2	11/16
5/16	3/8	3/8	3/8	5/8	W12 x 210	3.270	5/16	3/8	3/8	7/16	5/8
5/16	3/8	3/8	3/8	5/8	W12 x 230	3.550	5/16	3/8	3/8	7/16	5/8
5/16	3/8	3/8	3/8	9/16	W12 x 252	3.840	5/16	3/8	3/8	7/16	9/16
5/16	3/8	3/8	3/8	1/2	W12 x 279	4.190	5/16	3/8	3/8	3/8	1/2
5/16	3/8	3/8	3/8	1/2	W12 x 305	4.490	5/16	3/8	3/8	3/8	1/2
5/16	3/8	3/8	3/8	1/2	W12 x 336	4.850	5/16	3/8	3/8	3/8	1/2
7/16	9/16	3/4	1 3/16	2 1/8	W14 x 22	0.534	7/16	9/16	3/4	1 1/2	2 1/8
3/8	9/16	11/16	1 1/8	2	W14 x 26	0.628	3/8	9/16	11/16	1 3/8	2
3/8	1/2	11/16	1 1/8	1 15/16	W14 x 30	0.644	3/8	1/2	11/16	1 3/8	1 15/16
3/8	1/2	5/8	1 1/16	1 13/16	W14 x 34	0.725	3/8	1/2	5/8	1 5/16	1 13/16
3/8	1/2	5/8	1	1 3/4	W14 x 38	0.809	3/8	1/2	5/8	1 1/4	1 3/4
5/16	7/16	9/16	15/16	1 5/8	W14 x 43	0.874	5/16	7/16	9/16	1 3/16	1 5/8
5/16	7/16	9/16	7/8	1 9/16	W14 x 48	0.970	5/16	7/16	9/16	1 1/8	1 9/16
5/16	3/8	1/2	13/16	1 1/2	W14 x 53	1.060	5/16	3/8	1/2	1 1/16	1 1/2
5/16	3/8	1/2	13/16	1 7/16	W14 x 61	1.100	5/16	3/8	1/2	1	1 7/16
5/16	3/8	1/2	3/4	1 3/8	W14 x 68	1.220	5/16	3/8	1/2	15/16	1 3/8
5/16	3/8	7/16	3/4	1 1/4	W14 x 74	1.320	5/16	3/8	7/16	15/16	1 1/4
5/16	3/8	7/16	11/16	1 3/16	W14 x 82	1.450	5/16	3/8	7/16	7/8	1 3/16
5/16	3/8	7/16	3/4	1 5/16	W14 x 90	1.310	5/16	3/8	7/16	15/16	1 5/16
5/16	3/8	7/16	11/16	1 3/16	W14 x 99	1.430	5/16	3/8	7/16	7/8	1 3/16
5/16	3/8	3/8	5/8	1 1/8	W14 x 109	1.570	5/16	3/8	3/8	13/16	1 1/8
5/16	3/8	3/8	5/8	1 1/16	W14 x 120	1.710	5/16	3/8	3/8	3/4	1 1/16
5/16	3/8	3/8	9/16	1	W14 x 132	1.890	5/16	3/8	3/8	11/16	1
5/16	3/8	3/8	9/16	15/16	W14 x 145	1.990	5/16	3/8	3/8	11/16	15/16
5/16	3/8	3/8	1/2	7/8	W14 x 159	2.160	5/16	3/8	3/8	5/8	7/8
5/16	3/8	3/8	1/2	13/16	W14 x 176	2.380	5/16	3/8	3/8	5/8	13/16
5/16	3/8	3/8	7/16	3/4	W14 x 193	2.600	5/16	3/8	3/8	9/16	3/4
5/16	3/8	3/8	7/16	3/4	W14 x 211	2.810	5/16	3/8	3/8	1/2	3/4
5/16	3/8	3/8	3/8	11/16	W14 x 233	3.080	5/16	3/8	3/8	1/2	11/16
5/16	3/8	3/8	3/8	5/8	W14 x 257	3.360	5/16	3/8	3/8	7/16	5/8
5/16	3/8	3/8	3/8	9/16	W14 x 283	3.660	5/16	3/8	3/8	7/16	9/16
5/16	3/8	3/8	3/8	9/16	W14 x 311	3.980	5/16	3/8	3/8	3/8	9/16
5/16	3/8	3/8	3/8	1/2	W14 x 342	4.320	5/16	3/8	3/8	3/8	1/2
5/16	3/8	3/8	3/8	1/2	W14 x 370	4.630	5/16	3/8	3/8	3/8	1/2
5/16	3/8	3/8	3/8	7/16	W14 x 398	4.930	5/16	3/8	3/8	3/8	7/16
5/16	3/8	3/8	3/8	7/16	W14 x 426	5.210	5/16	3/8	3/8	3/8	7/16
5/16	3/8	3/8	3/8	7/16	W14 x 455	5.530	5/16	3/8	3/8	3/8	7/16
5/16	3/8	3/8	3/8	3/8	W14 x 500	5.950	5/16	3/8	3/8	3/8	3/8
5/16	3/8	3/8	3/8	3/8	W14 x 550	6.430	5/16	3/8	3/8	3/8	3/8
5/16	3/8	3/8	3/8	3/8	W14 x 605	6.960	5/16	3/8	3/8	3/8	3/8
5/16	3/8	3/8	3/8	3/8	W14 x 665	7.490	5/16	3/8	3/8	3/8	3/8
5/16	3/8	3/8	3/8	3/8	W14 x 730	8.080	5/16	3/8	3/8	3/8	3/8
7/16	9/16	3/4	1 3/16	2 1/8	W16 x 26	0.558	7/16	9/16	3/4	1 1/2	2 1/8
3/8	1/2	11/16	1 1/16	1 15/16	W16 x 31	0.661	3/8	1/2	11/16	1 3/8	1 15/16
3/8	1/2	5/8	1 1/16	1 7/8	W16 x 36	0.702	3/8	1/2	5/8	1 5/16	1 7/8
3/8	1/2	5/8	1	1 3/4	W16 x 40	0.780	3/8	1/2	5/8	1 1/4	1 3/4
5/16	7/16	9/16	15/16	1 11/16	W16 x 45	0.870	5/16	7/16	9/16	1 3/16	1 11/16
5/16	7/16	9/16	7/8	1 9/16	W16 x 50	0.962	5/16	7/16	9/16	1 1/8	1 9/16
5/16	3/8	1/2	13/16	1 7/16	W16 x 57	1.090	5/16	3/8	1/2	1	1 7/16
5/16	3/8	1/2	13/16	1 7/16	W16 x 67	1.090	5/16	3/8	1/2	1	1 7/16
5/16	3/8	7/16	3/4	1 5/16	W16 x 77	1.250	5/16	3/8	7/16	15/16	1 5/16
5/16	3/8	7/16	11/16	1 3/16	W16 x 89	1.430	5/16	3/8	7/16	7/8	1 3/16
5/16	3/8	3/8	5/8	1 1/8	W16 x 100	1.590	5/16	3/8	3/8	13/16	1 1/8
3/8	1/2	11/16	1 1/16	1 15/16	W18 x 35	0.672	3/8	1/2	11/16	1 3/8	1 15/16
3/8	1/2	5/8	1	1 13/16	W18 x 40	0.768	3/8	1/2	5/8	1 1/4	1 13/16
5/16	7/16	9/16	15/16	1 5/8	W18 x 46	0.876	5/16	7/16	9/16	1 3/16	1 5/8

FULL FLANGE TIP THICKNESS (in.)					Member		HALF FLANGE TIP THICKNESS (in.)				
1 hr	1.5 hr	2 hr	3 hr	4 hr	Size x Wt.	W/D	1 hr	1.5 hr	2 hr	3 hr	4 hr
5/16	7/16	9/16	15/16	1 5/8	W18 x 50	0.880	5/16	7/16	9/16	1 3/16	1 5/8
5/16	7/16	9/16	7/8	1 9/16	W18 x 55	0.963	5/16	7/16	9/16	1 1/8	1 9/16
5/16	7/16	1/2	13/16	1 1/2	W18 x 60	1.040	5/16	7/16	1/2	1 1/16	1 1/2
5/16	3/8	1/2	13/16	1 7/16	W18 x 65	1.130	5/16	3/8	1/2	1	1 7/16
5/16	3/8	1/2	3/4	1 3/8	W18 x 71	1.220	5/16	3/8	1/2	15/16	1 3/8
5/16	3/8	1/2	13/16	1 7/16	W18 x 76	1.130	5/16	3/8	1/2	1	1 7/16
5/16	3/8	7/16	3/4	1 5/16	W18 x 86	1.270	5/16	3/8	7/16	15/16	1 5/16
5/16	3/8	7/16	11/16	1 3/16	W18 x 97	1.420	5/16	3/8	7/16	7/8	1 3/16
5/16	3/8	3/8	5/8	1 1/8	W18 x 106	1.550	5/16	3/8	3/8	13/16	1 1/8
5/16	3/8	3/8	5/8	1 1/16	W18 x 119	1.720	5/16	3/8	3/8	3/4	1 1/16
3/8	1/2	5/8	1	1 13/16	W21 x 44	0.746	3/8	1/2	5/8	1 5/16	1 13/16
5/16	7/16	9/16	15/16	1 11/16	W21 x 50	0.838	5/16	7/16	9/16	1 3/16	1 11/16
5/16	7/16	9/16	7/8	1 9/16	W21 x 57	0.952	5/16	7/16	9/16	1 1/8	1 9/16
5/16	7/16	9/16	7/8	1 9/16	W21 x 62	0.952	5/16	7/16	9/16	1 1/8	1 9/16
5/16	7/16	1/2	13/16	1 1/2	W21 x 68	1.040	5/16	7/16	1/2	1 1/16	1 1/2
5/16	3/8	1/2	13/16	1 7/16	W21 x 73	1.110	5/16	3/8	1/2	1	1 7/16
5/16	3/8	7/16	3/4	1 5/16	W21 x 83	1.260	5/16	3/8	7/16	15/16	1 5/16
5/16	3/8	7/16	11/16	1 1/4	W21 x 93	1.400	5/16	3/8	7/16	7/8	1 1/4
5/16	3/8	7/16	3/4	1 5/16	W21 x 101	1.300	5/16	3/8	7/16	15/16	1 5/16
5/16	3/8	7/16	11/16	1 3/16	W21 x 111	1.430	5/16	3/8	7/16	7/8	1 3/16
5/16	3/8	3/8	5/8	1 1/8	W21 x 122	1.570	5/16	3/8	3/8	13/16	1 1/8
5/16	3/8	3/8	5/8	1 1/16	W21 x 132	1.680	5/16	3/8	3/8	3/4	1 1/16
5/16	3/8	3/8	9/16	1	W21 x 147	1.870	5/16	3/8	3/8	11/16	1
5/16	7/16	9/16	15/16	1 11/16	W24 x 55	0.828	5/16	7/16	9/16	1 3/16	1 11/16
5/16	7/16	9/16	7/8	1 9/16	W24 x 62	0.934	5/16	7/16	9/16	1 1/8	1 9/16
5/16	7/16	9/16	7/8	1 9/16	W24 x 68	0.942	5/16	7/16	9/16	1 1/8	1 9/16
5/16	7/16	1/2	13/16	1 1/2	W24 x 76	1.050	5/16	7/16	1/2	1 1/16	1 1/2
5/16	3/8	1/2	13/16	1 3/8	W24 x 84	1.150	5/16	3/8	1/2	1	1 3/8
5/16	3/8	7/16	3/4	1 5/16	W24 x 94	1.280	5/16	3/8	7/16	15/16	1 5/16
5/16	3/8	7/16	3/4	1 5/16	W24 x 104	1.240	5/16	3/8	7/16	15/16	1 5/16
5/16	3/8	7/16	11/16	1 1/4	W24 x 117	1.380	5/16	3/8	7/16	7/8	1 1/4
5/16	3/8	3/8	5/8	1 1/8	W24 x 131	1.540	5/16	3/8	3/8	13/16	1 1/8
5/16	3/8	3/8	5/8	1 1/16	W24 x 146	1.700	5/16	3/8	3/8	3/4	1 1/16
5/16	3/8	3/8	9/16	1	W24 x 162	1.880	5/16	3/8	3/8	11/16	1
5/16	7/16	1/2	7/8	1 1/2	W27 x 84	1.030	5/16	7/16	1/2	1 1/16	1 1/2
5/16	3/8	1/2	13/16	1 3/8	W27 x 94	1.150	5/16	3/8	1/2	1	1 3/8
5/16	3/8	7/16	3/4	1 5/16	W27 x 102	1.240	5/16	3/8	7/16	15/16	1 5/16
5/16	3/8	7/16	11/16	1 1/4	W27 x 114	1.390	5/16	3/8	7/16	7/8	1 1/4
5/16	3/8	3/8	5/8	1 1/8	W27 x 129	1.560	5/16	3/8	3/8	13/16	1 1/8
5/16	3/8	3/8	5/8	1 1/8	W27 x 146	1.550	5/16	3/8	3/8	13/16	1 1/8
5/16	3/8	3/8	5/8	1 1/16	W27 x 161	1.700	5/16	3/8	3/8	3/4	1 1/16
5/16	3/8	3/8	9/16	1	W27 x 178	1.870	5/16	3/8	3/8	11/16	1
5/16	7/16	1/2	7/8	1 1/2	W30 x 90	1.020	5/16	7/16	1/2	1 1/16	1 1/2
5/16	3/8	1/2	13/16	1 7/16	W30 x 99	1.120	5/16	3/8	1/2	1	1 7/16
5/16	3/8	1/2	3/4	1 3/8	W30 x 108	1.210	5/16	3/8	1/2	15/16	1 3/8
5/16	3/8	7/16	3/4	1 5/16	W30 x 116	1.300	5/16	3/8	7/16	15/16	1 5/16
5/16	3/8	7/16	11/16	1 1/4	W30 x 124	1.390	5/16	3/8	7/16	7/8	1 1/4
5/16	3/8	7/16	11/16	1 3/16	W30 x 132	1.470	5/16	3/8	7/16	7/8	1 3/16
5/16	3/8	3/8	5/8	1 1/16	W30 x 173	1.660	5/16	3/8	3/8	3/4	1 1/16
5/16	3/8	3/8	9/16	1	W30 x 191	1.850	5/16	3/8	3/8	3/4	1
5/16	3/8	3/8	9/16	15/16	W30 x 211	2.010	5/16	3/8	3/8	11/16	15/16
5/16	3/8	1/2	3/4	1 3/8	W33 x 118	1.210	5/16	3/8	1/2	15/16	1 3/8
5/16	3/8	7/16	3/4	1 1/4	W33 x 130	1.320	5/16	3/8	7/16	15/16	1 1/4
5/16	3/8	7/16	11/16	1 3/16	W33 x 141	1.430	5/16	3/8	7/16	7/8	1 3/16
5/16	3/8	3/8	5/8	1 1/8	W33 x 152	1.530	5/16	3/8	3/8	13/16	1 1/8
5/16	3/8	3/8	5/8	1 1/16	W33 x 169	1.700	5/16	3/8	3/8	3/4	1 1/16
5/16	3/8	3/8	9/16	1 1/16	W33 x 201	1.790	5/16	3/8	3/8	3/4	1 1/16
5/16	3/8	3/8	9/16	15/16	W33 x 221	1.970	5/16	3/8	3/8	11/16	15/16
5/16	3/8	3/8	1/2	15/16	W33 x 241	2.130	5/16	3/8	3/8	5/8	15/16
5/16	3/8	7/16	3/4	1 5/16	W36 x 135	1.290	5/16	3/8	7/16	15/16	1 5/16
5/16	3/8	7/16	11/16	1 3/16	W36 x 150	1.430	5/16	3/8	7/16	7/8	1 3/16
5/16	3/8	7/16	11/16	1 3/16	W36 x 160	1.510	5/16	3/8	7/16	13/16	1 3/16
5/16	3/8	3/8	5/8	1 1/8	W36 x 170	1.600	5/16	3/8	3/8	13/16	1 1/8
5/16	3/8	3/8	5/8	1 1/16	W36 x 182	1.720	5/16	3/8	3/8	3/4	1 1/16

FULL FLANGE TIP THICKNESS (in.)					Member		HALF FLANGE TIP THICKNESS (in.)				
1 hr	1.5 hr	2 hr	3 hr	4 hr	Size x Wt.	W/D	1 hr	1.5 hr	2 hr	3 hr	4 hr
5/16	3/8	3/8	9/16	1	W36 x 194	1.810	5/16	3/8	3/8	3/4	1
5/16	3/8	3/8	9/16	15/16	W36 x 210	1.960	5/16	3/8	3/8	11/16	15/16
5/16	3/8	3/8	9/16	1	W36 x 230	1.950	5/16	3/8	3/8	11/16	1
5/16	3/8	3/8	1/2	15/16	W36 x 245	2.080	5/16	3/8	3/8	11/16	15/16
5/16	3/8	3/8	1/2	13/16	W36 x 256	2.370	5/16	3/8	3/8	5/8	13/16
5/16	3/8	3/8	1/2	7/8	W36 x 260	2.180	5/16	3/8	3/8	5/8	7/8
5/16	3/8	3/8	1/2	13/16	W36 x 280	2.350	5/16	3/8	3/8	5/8	13/16
5/16	3/8	3/8	7/16	13/16	W36 x 300	2.500	5/16	3/8	3/8	9/16	13/16
1/2	11/16	7/8	1 3/8	2 1/2	Other	0.370	1/2	11/16	7/8	1 3/4	2 1/2
1/2	11/16	7/8	1 3/8	2 1/2	Other	0.380	1/2	11/16	7/8	1 3/4	2 1/2
1/2	11/16	13/16	1 3/8	2 7/16	Other	0.390	1/2	11/16	13/16	1 3/4	2 7/16
1/2	5/8	13/16	1 3/8	2 7/16	Other	0.400	1/2	5/8	13/16	1 11/16	2 7/16
1/2	5/8	13/16	1 3/8	2 3/8	Other	0.410	1/2	5/8	13/16	1 11/16	2 3/8
7/16	5/8	13/16	1 5/16	2 3/8	Other	0.420	7/16	5/8	13/16	1 11/16	2 3/8
7/16	5/8	13/16	1 5/16	2 3/8	Other	0.430	7/16	5/8	13/16	1 11/16	2 3/8
7/16	5/8	13/16	1 5/16	2 5/16	Other	0.440	7/16	5/8	13/16	1 5/8	2 5/16
7/16	5/8	13/16	1 5/16	2 5/16	Other	0.450	7/16	5/8	13/16	1 5/8	2 5/16
7/16	5/8	13/16	1 5/16	2 5/16	Other	0.460	7/16	5/8	13/16	1 5/8	2 5/16
7/16	5/8	3/4	1 1/4	2 1/4	Other	0.470	7/16	5/8	3/4	1 5/8	2 1/4
7/16	5/8	3/4	1 1/4	2 1/4	Other	0.480	7/16	5/8	3/4	1 9/16	2 1/4
7/16	5/8	3/4	1 1/4	2 1/4	Other	0.490	7/16	5/8	3/4	1 9/16	2 1/4
7/16	5/8	3/4	1 1/4	2 3/16	Other	0.500	7/16	5/8	3/4	1 9/16	2 3/16
7/16	9/16	3/4	1 1/4	2 3/16	Other	0.510	7/16	9/16	3/4	1 9/16	2 3/16
7/16	9/16	3/4	1 1/4	2 3/16	Other	0.520	7/16	9/16	3/4	1 9/16	2 3/16
7/16	9/16	3/4	1 3/16	2 1/8	Other	0.530	7/16	9/16	3/4	1 1/2	2 1/8
7/16	9/16	3/4	1 3/16	2 1/8	Other	0.540	7/16	9/16	3/4	1 1/2	2 1/8
7/16	9/16	3/4	1 3/16	2 1/8	Other	0.550	7/16	9/16	3/4	1 1/2	2 1/8
7/16	9/16	3/4	1 3/16	2 1/8	Other	0.560	7/16	9/16	3/4	1 1/2	2 1/8
7/16	9/16	11/16	1 3/16	2 1/16	Other	0.570	7/16	9/16	11/16	1 1/2	2 1/16
7/16	9/16	11/16	1 3/16	2 1/16	Other	0.580	7/16	9/16	11/16	1 7/16	2 1/16
3/8	9/16	11/16	1 1/8	2 1/16	Other	0.590	3/8	9/16	11/16	1 7/16	2 1/16
3/8	9/16	11/16	1 1/8	2	Other	0.600	3/8	9/16	11/16	1 7/16	2
3/8	9/16	11/16	1 1/8	2	Other	0.610	3/8	9/16	11/16	1 7/16	2
3/8	9/16	11/16	1 1/8	2	Other	0.620	3/8	9/16	11/16	1 7/16	2
3/8	9/16	11/16	1 1/8	2	Other	0.630	3/8	9/16	11/16	1 3/8	2
3/8	9/16	11/16	1 1/8	1 15/16	Other	0.640	3/8	9/16	11/16	1 3/8	1 15/16
3/8	1/2	11/16	1 1/8	1 15/16	Other	0.650	3/8	1/2	11/16	1 3/8	1 15/16
3/8	1/2	11/16	1 1/16	1 15/16	Other	0.660	3/8	1/2	11/16	1 3/8	1 15/16
3/8	1/2	11/16	1 1/16	1 15/16	Other	0.670	3/8	1/2	11/16	1 3/8	1 15/16
3/8	1/2	5/8	1 1/16	1 7/8	Other	0.680	3/8	1/2	5/8	1 3/8	1 7/8
3/8	1/2	5/8	1 1/16	1 7/8	Other	0.690	3/8	1/2	5/8	1 5/16	1 7/8
3/8	1/2	5/8	1 1/16	1 7/8	Other	0.700	3/8	1/2	5/8	1 5/16	1 7/8
3/8	1/2	5/8	1 1/16	1 7/8	Other	0.710	3/8	1/2	5/8	1 5/16	1 7/8
3/8	1/2	5/8	1 1/16	1 7/8	Other	0.720	3/8	1/2	5/8	1 5/16	1 7/8
3/8	1/2	5/8	1 1/16	1 13/16	Other	0.730	3/8	1/2	5/8	1 5/16	1 13/16
3/8	1/2	5/8	1	1 13/16	Other	0.740	3/8	1/2	5/8	1 5/16	1 13/16
3/8	1/2	5/8	1	1 13/16	Other	0.750	3/8	1/2	5/8	1 1/4	1 13/16
3/8	1/2	5/8	1	1 13/16	Other	0.760	3/8	1/2	5/8	1 1/4	1 13/16
3/8	1/2	5/8	1	1 3/4	Other	0.770	3/8	1/2	5/8	1 1/4	1 3/4
3/8	1/2	5/8	1	1 3/4	Other	0.780	3/8	1/2	5/8	1 1/4	1 3/4
3/8	1/2	5/8	1	1 3/4	Other	0.790	3/8	1/2	5/8	1 1/4	1 3/4
3/8	1/2	5/8	1	1 3/4	Other	0.800	3/8	1/2	5/8	1 1/4	1 3/4
3/8	1/2	5/8	1	1 3/4	Other	0.810	3/8	1/2	5/8	1 1/4	1 3/4
5/16	7/16	9/16	15/16	1 11/16	Other	0.820	5/16	7/16	9/16	1 3/16	1 11/16
5/16	7/16	9/16	15/16	1 11/16	Other	0.830	5/16	7/16	9/16	1 3/16	1 11/16
5/16	7/16	9/16	15/16	1 11/16	Other	0.840	5/16	7/16	9/16	1 3/16	1 11/16
5/16	7/16	9/16	15/16	1 11/16	Other	0.850	5/16	7/16	9/16	1 3/16	1 11/16
5/16	7/16	9/16	15/16	1 11/16	Other	0.860	5/16	7/16	9/16	1 3/16	1 11/16
5/16	7/16	9/16	15/16	1 11/16	Other	0.870	5/16	7/16	9/16	1 3/16	1 11/16
5/16	7/16	9/16	15/16	1 5/8	Other	0.880	5/16	7/16	9/16	1 3/16	1 5/8
5/16	7/16	9/16	15/16	1 5/8	Other	0.890	5/16	7/16	9/16	1 3/16	1 5/8
5/16	7/16	9/16	15/16	1 5/8	Other	0.900	5/16	7/16	9/16	1 1/8	1 5/8
5/16	7/16	9/16	15/16	1 5/8	Other	0.910	5/16	7/16	9/16	1 1/8	1 5/8
5/16	7/16	9/16	15/16	1 5/8	Other	0.920	5/16	7/16	9/16	1 1/8	1 5/8

FULL FLANGE TIP THICKNESS (in.)					Member		HALF FLANGE TIP THICKNESS (in.)				
1 hr	1.5 hr	2 hr	3 hr	4 hr	Size x Wt.	W/D	1 hr	1.5 hr	2 hr	3 hr	4 hr
5/16	7/16	9/16	7/8	1 5/8	Other	0.930	5/16	7/16	9/16	1 1/8	1 5/8
5/16	7/16	9/16	7/8	1 9/16	Other	0.940	5/16	7/16	9/16	1 1/8	1 9/16
5/16	7/16	9/16	7/8	1 9/16	Other	0.950	5/16	7/16	9/16	1 1/8	1 9/16
5/16	7/16	9/16	7/8	1 9/16	Other	0.960	5/16	7/16	9/16	1 1/8	1 9/16
5/16	7/16	9/16	7/8	1 9/16	Other	0.970	5/16	7/16	9/16	1 1/8	1 9/16
5/16	7/16	9/16	7/8	1 9/16	Other	0.980	5/16	7/16	9/16	1 1/8	1 9/16
5/16	7/16	9/16	7/8	1 9/16	Other	0.990	5/16	7/16	9/16	1 1/16	1 9/16
5/16	7/16	1/2	7/8	1 1/2	Other	1.000	5/16	7/16	1/2	1 1/16	1 1/2
5/16	7/16	1/2	7/8	1 1/2	Other	1.010	5/16	7/16	1/2	1 1/16	1 1/2
5/16	7/16	1/2	7/8	1 1/2	Other	1.020	5/16	7/16	1/2	1 1/16	1 1/2
5/16	7/16	1/2	7/8	1 1/2	Other	1.030	5/16	7/16	1/2	1 1/16	1 1/2
5/16	7/16	1/2	13/16	1 1/2	Other	1.040	5/16	7/16	1/2	1 1/16	1 1/2
5/16	7/16	1/2	13/16	1 1/2	Other	1.050	5/16	7/16	1/2	1 1/16	1 1/2
5/16	3/8	1/2	13/16	1 1/2	Other	1.060	5/16	3/8	1/2	1 1/16	1 1/2
5/16	3/8	1/2	13/16	1 7/16	Other	1.070	5/16	3/8	1/2	1 1/16	1 7/16
5/16	3/8	1/2	13/16	1 7/16	Other	1.080	5/16	3/8	1/2	1 1/16	1 7/16
5/16	3/8	1/2	13/16	1 7/16	Other	1.090	5/16	3/8	1/2	1	1 7/16
5/16	3/8	1/2	13/16	1 7/16	Other	1.100	5/16	3/8	1/2	1	1 7/16
5/16	3/8	1/2	13/16	1 7/16	Other	1.110	5/16	3/8	1/2	1	1 7/16
5/16	3/8	1/2	13/16	1 7/16	Other	1.120	5/16	3/8	1/2	1	1 7/16
5/16	3/8	1/2	13/16	1 7/16	Other	1.130	5/16	3/8	1/2	1	1 7/16
5/16	3/8	1/2	13/16	1 7/16	Other	1.140	5/16	3/8	1/2	1	1 7/16
5/16	3/8	1/2	13/16	1 3/8	Other	1.150	5/16	3/8	1/2	1	1 3/8
5/16	3/8	1/2	13/16	1 3/8	Other	1.160	5/16	3/8	1/2	1	1 3/8
5/16	3/8	1/2	13/16	1 3/8	Other	1.170	5/16	3/8	1/2	1	1 3/8
5/16	3/8	1/2	3/4	1 3/8	Other	1.180	5/16	3/8	1/2	1	1 3/8
5/16	3/8	1/2	3/4	1 3/8	Other	1.190	5/16	3/8	1/2	1	1 3/8
5/16	3/8	1/2	3/4	1 3/8	Other	1.200	5/16	3/8	1/2	15/16	1 3/8
5/16	3/8	1/2	3/4	1 3/8	Other	1.210	5/16	3/8	1/2	15/16	1 3/8
5/16	3/8	1/2	3/4	1 3/8	Other	1.220	5/16	3/8	1/2	15/16	1 3/8
5/16	3/8	7/16	3/4	1 5/16	Other	1.230	5/16	3/8	7/16	15/16	1 5/16
5/16	3/8	7/16	3/4	1 5/16	Other	1.240	5/16	3/8	7/16	15/16	1 5/16
5/16	3/8	7/16	3/4	1 5/16	Other	1.250	5/16	3/8	7/16	15/16	1 5/16
5/16	3/8	7/16	3/4	1 5/16	Other	1.260	5/16	3/8	7/16	15/16	1 5/16
5/16	3/8	7/16	3/4	1 5/16	Other	1.270	5/16	3/8	7/16	15/16	1 5/16
5/16	3/8	7/16	3/4	1 5/16	Other	1.280	5/16	3/8	7/16	15/16	1 5/16
5/16	3/8	7/16	3/4	1 5/16	Other	1.290	5/16	3/8	7/16	15/16	1 5/16
5/16	3/8	7/16	3/4	1 5/16	Other	1.300	5/16	3/8	7/16	15/16	1 5/16
5/16	3/8	7/16	3/4	1 5/16	Other	1.310	5/16	3/8	7/16	15/16	1 5/16
5/16	3/8	7/16	3/4	1 1/4	Other	1.320	5/16	3/8	7/16	15/16	1 1/4
5/16	3/8	7/16	3/4	1 1/4	Other	1.330	5/16	3/8	7/16	7/8	1 1/4
5/16	3/8	7/16	11/16	1 1/4	Other	1.340	5/16	3/8	7/16	7/8	1 1/4
5/16	3/8	7/16	11/16	1 1/4	Other	1.350	5/16	3/8	7/16	7/8	1 1/4
5/16	3/8	7/16	11/16	1 1/4	Other	1.360	5/16	3/8	7/16	7/8	1 1/4
5/16	3/8	7/16	11/16	1 1/4	Other	1.370	5/16	3/8	7/16	7/8	1 1/4
5/16	3/8	7/16	11/16	1 1/4	Other	1.380	5/16	3/8	7/16	7/8	1 1/4
5/16	3/8	7/16	11/16	1 1/4	Other	1.390	5/16	3/8	7/16	7/8	1 1/4
5/16	3/8	7/16	11/16	1 1/4	Other	1.400	5/16	3/8	7/16	7/8	1 1/4
5/16	3/8	7/16	11/16	1 1/4	Other	1.410	5/16	3/8	7/16	7/8	1 1/4
5/16	3/8	7/16	11/16	1 3/16	Other	1.420	5/16	3/8	7/16	7/8	1 3/16
5/16	3/8	7/16	11/16	1 3/16	Other	1.430	5/16	3/8	7/16	7/8	1 3/16
5/16	3/8	7/16	11/16	1 3/16	Other	1.440	5/16	3/8	7/16	7/8	1 3/16
5/16	3/8	7/16	11/16	1 3/16	Other	1.450	5/16	3/8	7/16	7/8	1 3/16
5/16	3/8	7/16	11/16	1 3/16	Other	1.460	5/16	3/8	7/16	7/8	1 3/16
5/16	3/8	7/16	11/16	1 3/16	Other	1.470	5/16	3/8	7/16	7/8	1 3/16
5/16	3/8	7/16	11/16	1 3/16	Other	1.480	5/16	3/8	7/16	13/16	1 3/16
5/16	3/8	7/16	11/16	1 3/16	Other	1.490	5/16	3/8	7/16	13/16	1 3/16
5/16	3/8	7/16	11/16	1 3/16	Other	1.500	5/16	3/8	7/16	13/16	1 3/16
5/16	3/8	7/16	11/16	1 3/16	Other	1.510	5/16	3/8	7/16	13/16	1 3/16
5/16	3/8	7/16	11/16	1 3/16	Other	1.520	5/16	3/8	7/16	13/16	1 3/16
5/16	3/8	3/8	5/8	1 1/8	Other	1.530	5/16	3/8	3/8	13/16	1 1/8
5/16	3/8	3/8	5/8	1 1/8	Other	1.540	5/16	3/8	3/8	13/16	1 1/8
5/16	3/8	3/8	5/8	1 1/8	Other	1.550	5/16	3/8	3/8	13/16	1 1/8
5/16	3/8	3/8	5/8	1 1/8	Other	1.560	5/16	3/8	3/8	13/16	1 1/8

FULL FLANGE TIP THICKNESS (in.)					Member		HALF FLANGE TIP THICKNESS (in.)				
1 hr	1.5 hr	2 hr	3 hr	4 hr	Size x	Wt. W/D	1 hr	1.5 hr	2 hr	3 hr	4 hr
5/16	3/8	3/8	5/8	1 1/8	Other	1.570	5/16	3/8	3/8	13/16	1 1/8
5/16	3/8	3/8	5/8	1 1/8	Other	1.580	5/16	3/8	3/8	13/16	1 1/8
5/16	3/8	3/8	5/8	1 1/8	Other	1.590	5/16	3/8	3/8	13/16	1 1/8
5/16	3/8	3/8	5/8	1 1/8	Other	1.600	5/16	3/8	3/8	13/16	1 1/8
5/16	3/8	3/8	5/8	1 1/8	Other	1.610	5/16	3/8	3/8	13/16	1 1/8
5/16	3/8	3/8	5/8	1 1/8	Other	1.620	5/16	3/8	3/8	13/16	1 1/8
5/16	3/8	3/8	5/8	1 1/8	Other	1.630	5/16	3/8	3/8	13/16	1 1/8
5/16	3/8	3/8	5/8	1 1/8	Other	1.640	5/16	3/8	3/8	13/16	1 1/8
5/16	3/8	3/8	5/8	1 1/8	Other	1.650	5/16	3/8	3/8	3/4	1 1/8
5/16	3/8	3/8	5/8	1 1/16	Other	1.660	5/16	3/8	3/8	3/4	1 1/16
5/16	3/8	3/8	5/8	1 1/16	Other	1.670	5/16	3/8	3/8	3/4	1 1/16
5/16	3/8	3/8	5/8	1 1/16	Other	1.680	5/16	3/8	3/8	3/4	1 1/16
5/16	3/8	3/8	5/8	1 1/16	Other	1.690	5/16	3/8	3/8	3/4	1 1/16
5/16	3/8	3/8	5/8	1 1/16	Other	1.700	5/16	3/8	3/8	3/4	1 1/16
5/16	3/8	3/8	5/8	1 1/16	Other	1.750	5/16	3/8	3/8	3/4	1 1/16
5/16	3/8	3/8	9/16	1	Other	1.800	5/16	3/8	3/8	3/4	1
5/16	3/8	3/8	9/16	1	Other	1.850	5/16	3/8	3/8	3/4	1
5/16	3/8	3/8	9/16	1	Other	1.900	5/16	3/8	3/8	11/16	1
5/16	3/8	3/8	9/16	1	Other	1.950	5/16	3/8	3/8	11/16	1
5/16	3/8	3/8	9/16	15/16	Other	2.000	5/16	3/8	3/8	11/16	15/16
5/16	3/8	3/8	1/2	7/8	Other	2.250	5/16	3/8	3/8	5/8	7/8
5/16	3/8	3/8	7/16	13/16	Other	2.500	5/16	3/8	3/8	9/16	13/16
5/16	3/8	3/8	7/16	3/4	Other	2.750	5/16	3/8	3/8	9/16	3/4
5/16	3/8	3/8	3/8	11/16	Other	3.000	5/16	3/8	3/8	1/2	11/16
5/16	3/8	3/8	3/8	5/8	Other	3.250	5/16	3/8	3/8	1/2	5/8
5/16	3/8	3/8	3/8	5/8	Other	3.500	5/16	3/8	3/8	7/16	5/8
5/16	3/8	3/8	3/8	9/16	Other	3.750	5/16	3/8	3/8	7/16	9/16
5/16	3/8	3/8	3/8	9/16	Other	4.000	5/16	3/8	3/8	3/8	9/16
5/16	3/8	3/8	3/8	1/2	Other	4.250	5/16	3/8	3/8	3/8	1/2
5/16	3/8	3/8	3/8	1/2	Other	4.500	5/16	3/8	3/8	3/8	1/2
5/16	3/8	3/8	3/8	1/2	Other	4.750	5/16	3/8	3/8	3/8	1/2
5/16	3/8	3/8	3/8	7/16	Other	5.000	5/16	3/8	3/8	3/8	7/16
5/16	3/8	3/8	3/8	7/16	Other	5.250	5/16	3/8	3/8	3/8	7/16
5/16	3/8	3/8	3/8	7/16	Other	5.500	5/16	3/8	3/8	3/8	7/16
5/16	3/8	3/8	3/8	7/16	Other	5.750	5/16	3/8	3/8	3/8	7/16
5/16	3/8	3/8	3/8	3/8	Other	6.000	5/16	3/8	3/8	3/8	3/8
5/16	3/8	3/8	3/8	3/8	Other	6.250	5/16	3/8	3/8	3/8	3/8
5/16	3/8	3/8	3/8	3/8	Other	6.500	5/16	3/8	3/8	3/8	3/8
5/16	3/8	3/8	3/8	3/8	Other	6.750	5/16	3/8	3/8	3/8	3/8
5/16	3/8	3/8	3/8	3/8	Other	7.000	5/16	3/8	3/8	3/8	3/8
5/16	3/8	3/8	3/8	3/8	Other	8.000	5/16	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.N852. 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.N852 as shown on UL.com is considered current.