

BXUV.N782

Beam for Unprotected Floor/Ceiling, Fluted Decking

Restrained Beam

Normal Weight Concrete

GCP APPLIED TECHNOLOGIES INC — Types Z-106/HY

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	7/16	11/16	1 1/8	1 5/8	W4 x 13 0.670	7/16	7/16	11/16	1 1/8	1 5/8
3/8	7/16	11/16	1 1/8	1 5/8	W5 x 16 0.664	7/16	7/16	11/16	1 1/8	1 5/8
3/8	7/16	5/8	1 1/16	1 1/2	W5 x 19 0.776	7/16	7/16	5/8	1 1/16	1 1/2
1/2	9/16	13/16	1 7/16	2 1/16	W6 x 9 0.398	9/16	9/16	13/16	1 7/16	2 1/16
7/16	1/2	3/4	1 5/16	1 13/16	W6 x 12 0.526	1/2	1/2	3/4	1 5/16	1 13/16
7/16	1/2	3/4	1 5/16	1 7/8	W6 x 15 0.521	1/2	1/2	3/4	1 5/16	1 7/8
3/8	7/16	5/8	1 1/8	1 5/8	W6 x 16 0.684	7/16	7/16	5/8	1 1/8	1 5/8
3/8	7/16	5/8	1 1/8	1 5/8	W6 x 20 0.678	7/16	7/16	5/8	1 1/8	1 5/8
5/16	3/8	9/16	1	1 7/16	W6 x 25 0.839	3/8	3/8	9/16	1	1 7/16
1/2	9/16	7/8	1 1/2	2 1/8	W8 x 10 0.375	9/16	9/16	7/8	1 1/2	2 1/8
7/16	1/2	3/4	1 5/16	1 15/16	W8 x 13 0.483	1/2	1/2	3/4	1 5/16	1 15/16
7/16	1/2	3/4	1 1/4	1 13/16	W8 x 15 0.551	1/2	1/2	3/4	1 1/4	1 13/16
3/8	1/2	11/16	1 1/4	1 3/4	W8 x 18 0.583	1/2	1/2	11/16	1 1/4	1 3/4
3/8	7/16	11/16	1 1/8	1 5/8	W8 x 21 0.675	7/16	7/16	11/16	1 1/8	1 5/8
3/8	7/16	5/8	1 1/8	1 5/8	W8 x 24 0.704	7/16	7/16	5/8	1 1/8	1 5/8
5/16	3/8	9/16	1	1 7/16	W8 x 28 0.819	3/8	3/8	9/16	1	1 7/16
3/8	7/16	5/8	1 1/16	1 1/2	W8 x 31 0.803	7/16	7/16	5/8	1 1/16	1 1/2
5/16	3/8	9/16	1	1 3/8	W8 x 35 0.907	3/8	3/8	9/16	1	1 3/8
5/16	3/8	1/2	7/8	1 5/16	W8 x 40 1.030	3/8	3/8	1/2	7/8	1 5/16
5/16	3/8	1/2	13/16	1 3/16	W8 x 48 1.210	3/8	3/8	1/2	13/16	1 3/16
5/16	3/8	7/16	3/4	1	W8 x 58 1.440	3/8	3/8	7/16	3/4	1
5/16	3/8	3/8	11/16	15/16	W8 x 67 1.650	3/8	3/8	3/8	11/16	15/16
1/2	9/16	13/16	1 7/16	2 1/16	W10 x 12 0.392	9/16	9/16	13/16	1 7/16	2 1/16
7/16	1/2	3/4	1 5/16	1 15/16	W10 x 15 0.484	1/2	1/2	3/4	1 5/16	1 15/16
7/16	1/2	3/4	1 1/4	1 13/16	W10 x 17 0.543	1/2	1/2	3/4	1 1/4	1 13/16
3/8	1/2	11/16	1 3/16	1 3/4	W10 x 19 0.607	1/2	1/2	11/16	1 3/16	1 3/4
3/8	1/2	11/16	1 3/16	1 3/4	W10 x 22 0.606	1/2	1/2	11/16	1 3/16	1 3/4
3/8	7/16	5/8	1 1/8	1 9/16	W10 x 26 0.708	7/16	7/16	5/8	1 1/8	1 9/16
3/8	7/16	5/8	1 1/16	1 1/2	W10 x 30 0.809	7/16	7/16	5/8	1 1/16	1 1/2
3/8	7/16	5/8	1 1/16	1 1/2	W10 x 33 0.786	7/16	7/16	5/8	1 1/16	1 1/2
5/16	3/8	9/16	15/16	1 3/8	W10 x 39 0.929	3/8	3/8	9/16	15/16	1 3/8
5/16	3/8	1/2	7/8	1 1/4	W10 x 45 1.060	3/8	3/8	1/2	7/8	1 1/4
5/16	3/8	1/2	15/16	1 5/16	W10 x 49 1.010	3/8	3/8	1/2	15/16	1 5/16
5/16	3/8	1/2	7/8	1 1/4	W10 x 54 1.110	3/8	3/8	1/2	7/8	1 1/4
5/16	3/8	1/2	13/16	1 1/8	W10 x 60 1.220	3/8	3/8	1/2	13/16	1 1/8
5/16	3/8	7/16	3/4	1 1/16	W10 x 68 1.380	3/8	3/8	7/16	3/4	1 1/16
5/16	3/8	3/8	11/16	1	W10 x 77 1.540	3/8	3/8	3/8	11/16	1
5/16	3/8	3/8	5/8	7/8	W10 x 88 1.740	3/8	3/8	3/8	5/8	7/8
5/16	3/8	3/8	9/16	13/16	W10 x 100 1.970	3/8	3/8	3/8	9/16	13/16
5/16	3/8	3/8	9/16	3/4	W10 x 112 2.170	3/8	3/8	3/8	9/16	3/4
1/2	9/16	13/16	1 7/16	2 1/16	W12 x 14 0.405	9/16	9/16	13/16	1 7/16	2 1/16
7/16	9/16	13/16	1 3/8	1 15/16	W12 x 16 0.457	9/16	9/16	13/16	1 3/8	1 15/16
7/16	1/2	3/4	1 1/4	1 13/16	W12 x 19 0.540	1/2	1/2	3/4	1 1/4	1 13/16
3/8	7/16	11/16	1 3/16	1 11/16	W12 x 22 0.623	7/16	7/16	11/16	1 3/16	1 11/16
3/8	1/2	11/16	1 3/16	1 11/16	W12 x 26 0.612	1/2	1/2	11/16	1 3/16	1 11/16
3/8	7/16	5/8	1 1/8	1 5/8	W12 x 30 0.699	7/16	7/16	5/8	1 1/8	1 5/8
3/8	7/16	5/8	1 1/16	1 1/2	W12 x 35 0.810	7/16	7/16	5/8	1 1/16	1 1/2
5/16	3/8	9/16	1	1 7/16	W12 x 40 0.860	3/8	3/8	9/16	1	1 7/16
5/16	3/8	9/16	15/16	1 5/16	W12 x 45 0.974	3/8	3/8	9/16	15/16	1 5/16
5/16	3/8	1/2	7/8	1 1/4	W12 x 50 1.060	3/8	3/8	1/2	7/8	1 1/4
5/16	3/8	1/2	15/16	1 5/16	W12 x 53 1.020	3/8	3/8	1/2	15/16	1 5/16
5/16	3/8	1/2	7/8	1 1/4	W12 x 58 1.100	3/8	3/8	1/2	7/8	1 1/4
5/16	3/8	1/2	7/8	1 1/4	W12 x 65 1.110	3/8	3/8	1/2	7/8	1 1/4
5/16	3/8	7/16	13/16	1 1/8	W12 x 72 1.230	3/8	3/8	7/16	13/16	1 1/8
5/16	3/8	7/16	3/4	1 1/16	W12 x 79 1.340	3/8	3/8	7/16	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		1 hr	1.5 hr	2 hr	3 hr	4 hr	
					Size x Wt. W/D						
5/16	3/8	7/16	11/16	1	W12 x 87	1.470	3/8	3/8	7/16	11/16	1
5/16	3/8	3/8	11/16	15/16	W12 x 96	1.610	3/8	3/8	3/8	11/16	15/16
5/16	3/8	3/8	5/8	7/8	W12 x 106	1.770	3/8	3/8	3/8	5/8	7/8
5/16	3/8	3/8	9/16	13/16	W12 x 120	1.990	3/8	3/8	3/8	9/16	13/16
5/16	3/8	3/8	9/16	3/4	W12 x 136	2.230	3/8	3/8	3/8	9/16	3/4
5/16	3/8	3/8	1/2	11/16	W12 x 152	2.450	3/8	3/8	3/8	1/2	11/16
5/16	3/8	3/8	7/16	5/8	W12 x 170	2.720	3/8	3/8	3/8	7/16	5/8
5/16	3/8	3/8	7/16	5/8	W12 x 190	3.000	3/8	3/8	3/8	7/16	5/8
5/16	3/8	3/8	3/8	9/16	W12 x 210	3.270	3/8	3/8	3/8	3/8	9/16
5/16	3/8	3/8	3/8	1/2	W12 x 230	3.550	3/8	3/8	3/8	3/8	1/2
5/16	3/8	3/8	3/8	1/2	W12 x 252	3.840	3/8	3/8	3/8	3/8	1/2
5/16	3/8	3/8	3/8	7/16	W12 x 279	4.190	3/8	3/8	3/8	3/8	7/16
5/16	3/8	3/8	3/8	7/16	W12 x 305	4.490	3/8	3/8	3/8	3/8	7/16
5/16	3/8	3/8	3/8	3/8	W12 x 336	4.850	3/8	3/8	3/8	3/8	3/8
7/16	1/2	3/4	1 5/16	1 13/16	W14 x 22	0.534	1/2	1/2	3/4	1 5/16	1 13/16
3/8	7/16	11/16	1 3/16	1 11/16	W14 x 26	0.628	7/16	7/16	11/16	1 3/16	1 11/16
3/8	7/16	11/16	1 3/16	1 11/16	W14 x 30	0.644	7/16	7/16	11/16	1 3/16	1 11/16
3/8	7/16	5/8	1 1/8	1 9/16	W14 x 34	0.725	7/16	7/16	5/8	1 1/8	1 9/16
3/8	7/16	5/8	1 1/16	1 1/2	W14 x 38	0.809	7/16	7/16	5/8	1 1/16	1 1/2
5/16	3/8	9/16	1	1 7/16	W14 x 43	0.874	3/8	3/8	9/16	1	1 7/16
5/16	3/8	9/16	15/16	1 5/16	W14 x 48	0.970	3/8	3/8	9/16	15/16	1 5/16
5/16	3/8	1/2	7/8	1 1/4	W14 x 53	1.060	3/8	3/8	1/2	7/8	1 1/4
5/16	3/8	1/2	7/8	1 1/4	W14 x 61	1.100	3/8	3/8	1/2	7/8	1 1/4
5/16	3/8	1/2	13/16	1 1/8	W14 x 68	1.220	3/8	3/8	1/2	13/16	1 1/8
5/16	3/8	7/16	3/4	1 1/16	W14 x 74	1.320	3/8	3/8	7/16	3/4	1 1/16
5/16	3/8	7/16	3/4	1	W14 x 82	1.450	3/8	3/8	7/16	3/4	1
5/16	3/8	7/16	3/4	1 1/8	W14 x 90	1.310	3/8	3/8	7/16	3/4	1 1/8
5/16	3/8	7/16	3/4	1 1/16	W14 x 99	1.430	3/8	3/8	7/16	3/4	1 1/16
5/16	3/8	3/8	11/16	1	W14 x 109	1.570	3/8	3/8	3/8	11/16	1
5/16	3/8	3/8	5/8	15/16	W14 x 120	1.710	3/8	3/8	3/8	5/8	15/16
5/16	3/8	3/8	5/8	7/8	W14 x 132	1.890	3/8	3/8	3/8	5/8	7/8
5/16	3/8	3/8	9/16	13/16	W14 x 145	1.990	3/8	3/8	3/8	9/16	13/16
5/16	3/8	3/8	9/16	3/4	W14 x 159	2.160	3/8	3/8	3/8	9/16	3/4
5/16	3/8	3/8	1/2	11/16	W14 x 176	2.380	3/8	3/8	3/8	1/2	11/16
5/16	3/8	3/8	1/2	11/16	W14 x 193	2.600	3/8	3/8	3/8	1/2	11/16
5/16	3/8	3/8	7/16	5/8	W14 x 211	2.810	3/8	3/8	3/8	7/16	5/8
5/16	3/8	3/8	7/16	9/16	W14 x 233	3.080	3/8	3/8	3/8	7/16	9/16
5/16	3/8	3/8	3/8	9/16	W14 x 257	3.360	3/8	3/8	3/8	3/8	9/16
5/16	3/8	3/8	3/8	1/2	W14 x 283	3.660	3/8	3/8	3/8	3/8	1/2
5/16	3/8	3/8	3/8	1/2	W14 x 311	3.980	3/8	3/8	3/8	3/8	1/2
5/16	3/8	3/8	3/8	7/16	W14 x 342	4.320	3/8	3/8	3/8	3/8	7/16
5/16	3/8	3/8	3/8	7/16	W14 x 370	4.630	3/8	3/8	3/8	3/8	7/16
5/16	3/8	3/8	3/8	3/8	W14 x 398	4.930	3/8	3/8	3/8	3/8	3/8
5/16	3/8	3/8	3/8	3/8	W14 x 426	5.210	3/8	3/8	3/8	3/8	3/8
5/16	3/8	3/8	3/8	3/8	W14 x 455	5.530	3/8	3/8	3/8	3/8	3/8
5/16	3/8	3/8	3/8	3/8	W14 x 500	5.950	3/8	3/8	3/8	3/8	3/8
5/16	3/8	3/8	3/8	3/8	W14 x 550	6.430	3/8	3/8	3/8	3/8	3/8
5/16	3/8	3/8	3/8	3/8	W14 x 605	6.960	3/8	3/8	3/8	3/8	3/8
5/16	3/8	3/8	3/8	3/8	W14 x 665	7.490	3/8	3/8	3/8	3/8	3/8
5/16	3/8	3/8	3/8	3/8	W14 x 730	8.080	3/8	3/8	3/8	3/8	3/8
7/16	1/2	3/4	1 1/4	1 13/16	W16 x 26	0.558	1/2	1/2	3/4	1 1/4	1 13/16
3/8	7/16	11/16	1 3/16	1 5/8	W16 x 31	0.661	7/16	7/16	11/16	1 3/16	1 5/8
3/8	7/16	5/8	1 1/8	1 5/8	W16 x 36	0.702	7/16	7/16	5/8	1 1/8	1 5/8
3/8	7/16	5/8	1 1/16	1 1/2	W16 x 40	0.780	7/16	7/16	5/8	1 1/16	1 1/2
5/16	3/8	9/16	1	1 7/16	W16 x 45	0.870	3/8	3/8	9/16	1	1 7/16
5/16	3/8	9/16	15/16	1 5/16	W16 x 50	0.962	3/8	3/8	9/16	15/16	1 5/16
5/16	3/8	1/2	7/8	1 1/4	W16 x 57	1.090	3/8	3/8	1/2	7/8	1 1/4
5/16	3/8	1/2	7/8	1 1/4	W16 x 67	1.090	3/8	3/8	1/2	7/8	1 1/4
5/16	3/8	7/16	13/16	1 1/8	W16 x 77	1.250	3/8	3/8	7/16	13/16	1 1/8
5/16	3/8	7/16	3/4	1 1/16	W16 x 89	1.430	3/8	3/8	7/16	3/4	1 1/16
5/16	3/8	3/8	11/16	15/16	W16 x 100	1.590	3/8	3/8	3/8	11/16	15/16
3/8	7/16	11/16	1 1/8	1 5/8	W18 x 35	0.672	7/16	7/16	11/16	1 1/8	1 5/8
3/8	7/16	5/8	1 1/16	1 1/2	W18 x 40	0.768	7/16	7/16	5/8	1 1/16	1 1/2
5/16	3/8	9/16	1	1 7/16	W18 x 46	0.876	3/8	3/8	9/16	1	1 7/16

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

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

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

FULL FLANGE TIP THICKNESS (in.)							HALF FLANGE TIP THICKNESS (in.)				
1 hr	1.5 hr	2 hr	3 hr	4 hr	Member		1 hr	1.5 hr	2 hr	3 hr	4 hr
					Size x	Wt. W/D					
5/16	3/8	3/8	11/16	1	Other	1.570	3/8	3/8	3/8	11/16	1
5/16	3/8	3/8	11/16	15/16	Other	1.580	3/8	3/8	3/8	11/16	15/16
5/16	3/8	3/8	11/16	15/16	Other	1.590	3/8	3/8	3/8	11/16	15/16
5/16	3/8	3/8	11/16	15/16	Other	1.600	3/8	3/8	3/8	11/16	15/16
5/16	3/8	3/8	11/16	15/16	Other	1.610	3/8	3/8	3/8	11/16	15/16
5/16	3/8	3/8	11/16	15/16	Other	1.620	3/8	3/8	3/8	11/16	15/16
5/16	3/8	3/8	11/16	15/16	Other	1.630	3/8	3/8	3/8	11/16	15/16
5/16	3/8	3/8	11/16	15/16	Other	1.640	3/8	3/8	3/8	11/16	15/16
5/16	3/8	3/8	11/16	15/16	Other	1.650	3/8	3/8	3/8	11/16	15/16
5/16	3/8	3/8	11/16	15/16	Other	1.660	3/8	3/8	3/8	11/16	15/16
5/16	3/8	3/8	11/16	15/16	Other	1.670	3/8	3/8	3/8	11/16	15/16
5/16	3/8	3/8	5/8	15/16	Other	1.680	3/8	3/8	3/8	5/8	15/16
5/16	3/8	3/8	5/8	15/16	Other	1.690	3/8	3/8	3/8	5/8	15/16
5/16	3/8	3/8	5/8	15/16	Other	1.700	3/8	3/8	3/8	5/8	15/16
5/16	3/8	3/8	5/8	7/8	Other	1.750	3/8	3/8	3/8	5/8	7/8
5/16	3/8	3/8	5/8	7/8	Other	1.800	3/8	3/8	3/8	5/8	7/8
5/16	3/8	3/8	5/8	7/8	Other	1.850	3/8	3/8	3/8	5/8	7/8
5/16	3/8	3/8	5/8	7/8	Other	1.900	3/8	3/8	3/8	5/8	7/8
5/16	3/8	3/8	9/16	13/16	Other	1.950	3/8	3/8	3/8	9/16	13/16
5/16	3/8	3/8	9/16	13/16	Other	2.000	3/8	3/8	3/8	9/16	13/16
5/16	3/8	3/8	1/2	3/4	Other	2.250	3/8	3/8	3/8	1/2	3/4
5/16	3/8	3/8	1/2	11/16	Other	2.500	3/8	3/8	3/8	1/2	11/16
5/16	3/8	3/8	7/16	5/8	Other	2.750	3/8	3/8	3/8	7/16	5/8
5/16	3/8	3/8	7/16	5/8	Other	3.000	3/8	3/8	3/8	7/16	5/8
5/16	3/8	3/8	3/8	9/16	Other	3.250	3/8	3/8	3/8	3/8	9/16
5/16	3/8	3/8	3/8	1/2	Other	3.500	3/8	3/8	3/8	3/8	1/2
5/16	3/8	3/8	3/8	1/2	Other	3.750	3/8	3/8	3/8	3/8	1/2
5/16	3/8	3/8	3/8	1/2	Other	4.000	3/8	3/8	3/8	3/8	1/2
5/16	3/8	3/8	3/8	7/16	Other	4.250	3/8	3/8	3/8	3/8	7/16
5/16	3/8	3/8	3/8	7/16	Other	4.500	3/8	3/8	3/8	3/8	7/16
5/16	3/8	3/8	3/8	7/16	Other	4.750	3/8	3/8	3/8	3/8	7/16
5/16	3/8	3/8	3/8	3/8	Other	5.000	3/8	3/8	3/8	3/8	3/8
5/16	3/8	3/8	3/8	3/8	Other	5.250	3/8	3/8	3/8	3/8	3/8
5/16	3/8	3/8	3/8	3/8	Other	5.500	3/8	3/8	3/8	3/8	3/8
5/16	3/8	3/8	3/8	3/8	Other	5.750	3/8	3/8	3/8	3/8	3/8
5/16	3/8	3/8	3/8	3/8	Other	6.000	3/8	3/8	3/8	3/8	3/8
5/16	3/8	3/8	3/8	3/8	Other	6.250	3/8	3/8	3/8	3/8	3/8
5/16	3/8	3/8	3/8	3/8	Other	6.500	3/8	3/8	3/8	3/8	3/8
5/16	3/8	3/8	3/8	3/8	Other	6.750	3/8	3/8	3/8	3/8	3/8
5/16	3/8	3/8	3/8	3/8	Other	7.000	3/8	3/8	3/8	3/8	3/8
5/16	3/8	3/8	3/8	3/8	Other	8.000	3/8	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.N782. 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.N782 as shown on UL.com is considered current.