

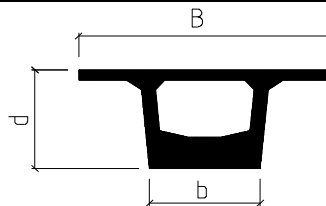
# Super-T Data Sheet

Closed Top

## Super-T (Closed Top) - Precast Section Properties

F'c(pc)=50MPa

T1	Flange (B)	(mm)	1800	2000	2200	2400	2500
750	Precast (d)	(mm)	750	750	750	750	750
	Area	(mm <sup>2</sup> )	441,300	456,300	471,300	486,300	493,800
	Ix	(mm <sup>4</sup> )	3.20280E+10	3.35662E+10	3.50068E+10	3.63591E+10	3.70045E+10
	yb	(mm)	388	398	408	418	422
	Zt(pc)	(mm <sup>3</sup> )	8.84751E+07	9.53585E+07	1.02359E+08	1.09515E+08	1.12819E+08
	Zb(pc)	(mm <sup>3</sup> )	8.25464E+07	8.43372E+07	8.58010E+07	8.69835E+07	8.76884E+07
	Soffit (b)	(mm)	792	792	792	792	792
	V/s	(mm)	90.27	86.28	82.85	79.87	78.52
	Mass	(T/m)	1.147	1.186	1.225	1.264	1.284
	T2	Flange (B)	(mm)	1800	2000	2200	2400
1000	Precast (d)	(mm)	1000	1000	1000	1000	1000
	Area	(mm <sup>2</sup> )	480,190	495,190	510,190	525,190	532,690
	Ix	(mm <sup>4</sup> )	6.51634E+10	6.80904E+10	7.08457E+10	7.34439E+10	7.46882E+10
	yb	(mm)	514	528	541	553	559
	Zt(pc)	(mm <sup>3</sup> )	1.34081E+08	1.44259E+08	1.54348E+08	1.64304E+08	1.69361E+08
	Zb(pc)	(mm <sup>3</sup> )	1.26777E+08	1.28959E+08	1.30953E+08	1.32810E+08	1.33610E+08
	Soffit (b)	(mm)	744	744	744	744	744
	V/s	(mm)	89.87	86.22	83.05	80.27	79.00
	Mass	(T/m)	1.248	1.287	1.326	1.365	1.385
	T3	Flange (B)	(mm)	1800	2000	2200	2400
1200	Precast (d)	(mm)	1200	1200	1200	1200	1200
	Area	(mm <sup>2</sup> )	526,820	541,820	556,820	571,820	579,320
	Ix	(mm <sup>4</sup> )	1.02621E+11	1.07089E+11	1.11318E+11	1.15325E+11	1.17250E+11
	yb	(mm)	609	625	639	653	660
	Zt(pc)	(mm <sup>3</sup> )	1.73640E+08	1.86242E+08	1.98428E+08	2.10832E+08	2.17130E+08
	Zb(pc)	(mm <sup>3</sup> )	1.68507E+08	1.71342E+08	1.74207E+08	1.76608E+08	1.77652E+08
	Soffit (b)	(mm)	706	706	706	706	706
	V/s	(mm)	92.31	88.72	85.57	82.79	81.52
	Mass	(T/m)	1.370	1.409	1.448	1.487	1.506
	T4	Flange (B)	(mm)	1800	2000	2200	2400
1500	Precast (d)	(mm)	1500	1500	1500	1500	1500
	Area	(mm <sup>2</sup> )	573,505	588,505	603,505	618,505	626,005
	Ix	(mm <sup>4</sup> )	1.73828E+11	1.80860E+11	1.87543E+11	1.93903E+11	1.96969E+11
	yb	(mm)	769	787	804	820	827
	Zt(pc)	(mm <sup>3</sup> )	2.37795E+08	2.53661E+08	2.69458E+08	2.85151E+08	2.92673E+08
	Zb(pc)	(mm <sup>3</sup> )	2.26044E+08	2.29809E+08	2.33262E+08	2.36467E+08	2.38173E+08
	Soffit (b)	(mm)	650	650	650	650	650
	V/s	(mm)	91.71	88.45	85.56	82.98	81.79
	Mass	(T/m)	1.491	1.530	1.569	1.608	1.628



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