

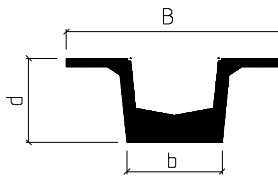
Super-T Data Sheet

Open Top

Super-T (Open 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 ²)	390,335	405,335	420,335	435,335	442,835
	Ix	(mm ⁴)	2.47149E+10	2.67933E+10	2.87238E+10	3.05218E+10	3.13752E+10
	yb	(mm)	334	348	361	373	379
	Zt(pc)	(mm ³)	5.94108E+07	6.66500E+07	7.38401E+07	8.09597E+07	8.45693E+07
	Zb(pc)	(mm ³)	7.39967E+07	7.69922E+07	7.95673E+07	8.18279E+07	8.27842E+07
	Soffit (b)	(mm)	792	792	792	792	792
	V/s	(mm)	68.32	66.30	64.53	62.97	62.25
	Mass	(T/m)	1.015	1.054	1.093	1.132	1.151
	T2	Flange (B)	(mm)	1800	2000	2200	2400
1000	Precast (d)	(mm)	1000	1000	1000	1000	1000
	Area	(mm ²)	425,750	440,750	455,750	470,750	478,250
	Ix	(mm ⁴)	5.14889E+10	5.53657E+10	5.89877E+10	6.23792E+10	6.39954E+10
	yb	(mm)	446	463	480	495	502
	Zt(pc)	(mm ³)	9.29403E+07	1.03102E+08	1.13438E+08	1.23523E+08	1.28505E+08
	Zb(pc)	(mm ³)	1.15446E+08	1.19580E+08	1.22891E+08	1.26019E+08	1.27481E+08
	Soffit (b)	(mm)	744	744	744	744	744
	V/s	(mm)	64.20	62.69	61.33	60.11	59.55
	Mass	(T/m)	1.107	1.146	1.185	1.224	1.243
	T3	Flange (B)	(mm)	1800	2000	2200	2400
1200	Precast (d)	(mm)	1200	1200	1200	1200	1200
	Area	(mm ²)	464,830	479,830	494,830	509,830	517,330
	Ix	(mm ⁴)	8.16283E+10	8.73380E+10	9.27017E+10	9.77505E+10	1.00165E+11
	yb	(mm)	536	556	574	591	600
	Zt(pc)	(mm ³)	1.22934E+08	1.35618E+08	1.48086E+08	1.60510E+08	1.66942E+08
	Zb(pc)	(mm ³)	1.52292E+08	1.57083E+08	1.61501E+08	1.65398E+08	1.66942E+08
	Soffit (b)	(mm)	706	706	706	706	706
	V/s	(mm)	63.40	62.06	60.86	59.76	59.25
	Mass	(T/m)	1.209	1.248	1.287	1.326	1.345
	T4	Flange (B)	(mm)	1800	2000	2200	2400
1500	Precast (d)	(mm)	1500	1500	1500	1500	1500
	Area	(mm ²)	507,840	522,840	537,840	552,840	560,340
	Ix	(mm ⁴)	1.40576E+11	1.49332E+11	1.57600E+11	1.65419E+11	1.69173E+11
	yb	(mm)	688	710	731	751	760
	Zt(pc)	(mm ³)	1.73123E+08	1.89028E+08	2.04941E+08	2.20853E+08	2.28612E+08
	Zb(pc)	(mm ³)	2.04326E+08	2.10327E+08	2.15595E+08	2.20265E+08	2.22596E+08
	Soffit (b)	(mm)	650	650	650	650	650
	V/s	(mm)	60.23	59.20	58.26	57.40	56.99
	Mass	(T/m)	1.320	1.359	1.398	1.437	1.457



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Data Sheet: **SCI 001**

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