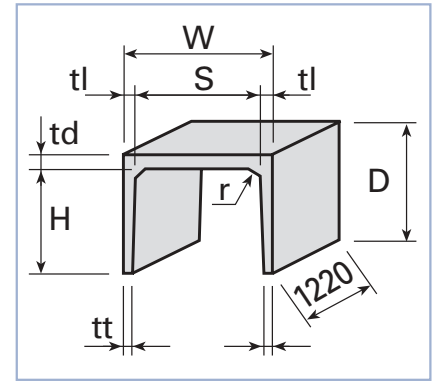


# SATS RECTANGULAR PORTAL - CLASS 1 LOADING

Notes:

1. These culverts are available from a limited number of factories only. Please enquire about their availability from your nearest Rocla sales office.
2. These culverts are designed to meet the requirements of SATS class 1 loading, where "Z" is the effective fill height above the culvert.



Nominal Size			Dimensions								Water Way	Approximate Mass	
S	x	H	Z	W	D	St	td	tl	tt	r	area	per m	per unit
mm		mm	m	mm	mm	mm	mm	mm	mm	mm	m <sup>3</sup>	kg/m	kg/unit
600	x	450	0 - 5	800	570	630	120	100	85	50/100	0.28	475	580
		600	0 - 5	800	720	640	120	100	80	50/100	0.37	539	658
750	x	450	0 - 5	950	600	780	150	100	85	50/100	0.34	595	726
		600	0 - 5	950	750	790	150	100	80	50/100	0.46	659	804
		750	0 - 5	950	900	800	150	100	75	50/100	0.58	719	877
		900	0 - 5	1100	570	930	120	100	85	50/100	0.41	570	696
		600	0 - 5	1100	730	940	130	100	80	50/100	0.55	663	809
		600	0 - 15	1100	790	990	190	100	80	50/100	0.57	818	998
		750	0 - 5	1100	900	950	150	100	75	50/100	0.69	777	948
		900	0 - 5	1100	1030	960	130	100	70	50/100	0.84	780	951
1200	x	450	0 - 5	1440	610	1240	160	120	100	50/100	0.55	868	1059
		600	0 - 7,5	1440	760	1240	160	120	100	50/100	0.73	960	1171
		1200	0 - 7,5	1440	1360	1280	160	120	80	50/100	1.49	1234	1505
1500	x	600	0 - 5	1750	905	1540	155	125	105	75/225	1.14	1099	1341
		750	0 - 5	1750	905	1550	155	125	100	75/225	1.14	1264	1542
		900	0 - 5	1750	1055	1560	155	125	95	75/225	1.38	1262	1540
		1000	0 - 5,0	1860	1175	1566	175	180	147	150	1.53	1709	2085
		1000	5,0 - 10,0	1860	1225	1566	225	180	147	150	1.53	1951	2380
		1200	0 - 5	1750	1355	1580	155	125	85	75/225	1.85	1402	1710
		1500	0 - 5,0	1860	1675	1600	175	180	130	150	2.33	2066	2520
		1500	5,0 - 10,0	1860	1725	1600	225	180	130	150	2.33	2307	2815
1800	x	600	0 - 5	2100	1050	1800	150	150	120	100/300	1.62	1323	1614
		900	0 - 5	2080	1370	1880	170	140	100	100/300	2.21	1524	1859
2000	x	1000	0 - 5,0	2420	1225	2066	225	210	177	200	2.03	2447	2985
		1000	5,0 - 10,0	2420	1275	2066	275	210	177	200	2.03	2775	3385
		1500	0 - 5,0	2420	1725	2100	225	210	160	200	3.08	2861	3490
		1500	5,0 - 10,0	2420	1775	2100	275	210	160	200	3.08	3176	3875
		1500	0 - 15,0	2920	1875	2100	375	210	160	200	3.45	3711	4528
		1800	0 - 15,0	2920	2175	2120	375	210	150	200	4.16	4012	4896
		2000	0 - 5,0	2420	2225	2134	225	210	143	200	4.13	3254	3970
		2000	5,0 - 10,0	2420	2275	2134	275	210	143	200	4.13	3566	4350
2500	x	1500	0 - 5,0	2960	1725	2600	225	230	180	250	3.83	3377	4120
		1500	5,0 - 10,0	2960	1825	2600	325	230	180	250	3.83	4139	5050
		2000	0 - 5,0	2960	2225	2632	225	230	164	250	5.13	3820	4660
		2000	5,0 - 10,0	2960	2325	2632	325	230	164	250	5.13	4586	5595
		2500	0 - 5,0	2960	2725	2666	225	230	147	250	6.46	4221	5150
		2500	5,0 - 10,0	2960	2825	2666	325	230	147	250	6.46	4984	6080
3000	x	1000	0 - 5	3570	1275	3128	275	285	221	300	3.064	4062	4956
		1000	5,0 - 10,0	3570	1375	3128	375	285	221	300	3.064	4984	6081
		1500	0 - 5	3570	1795	3096	275	285	237	300	4.63296	4653	5677
		1500	5,0 - 10,0	3570	1875	3096	375	285	237	300	4.572	5575	6802
		2000	0 - 5,0	3570	2275	3130	275	285	220	300	6.09	5242	6395
		2000	5,0 - 10,0	3570	2375	3130	375	285	220	300	6.09	6164	7520
		2500	0 - 5,0	3570	2775	3166	275	285	202	300	7.66	5775	7045
		2500	5,0 - 10,0	3570	2875	3166	375	285	202	300	7.66	6697	8170
		3000	0 - 5,0	3570	3275	3200	275	285	185	300	9.26	6270	7649
		3000	5,0 - 10,0	3570	3375	3200	375	285	185	300	9.26	7193	8775

Please note: Mass per metre is an approximation only. Rocla cannot guarantee the exact mass as listed on these tables.