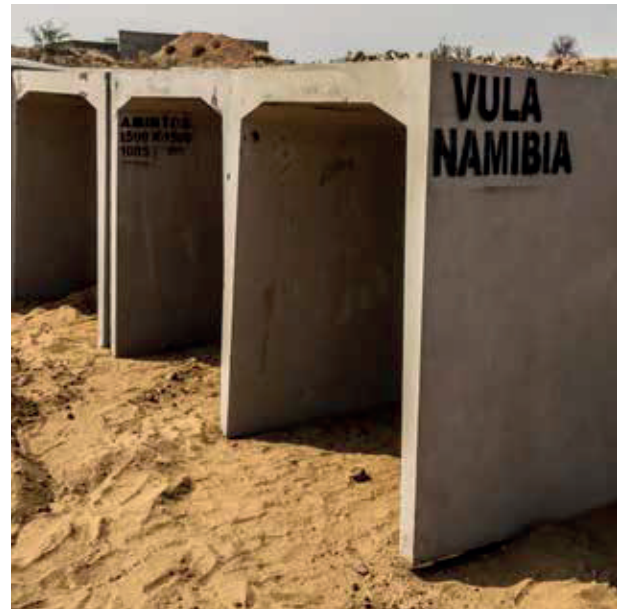
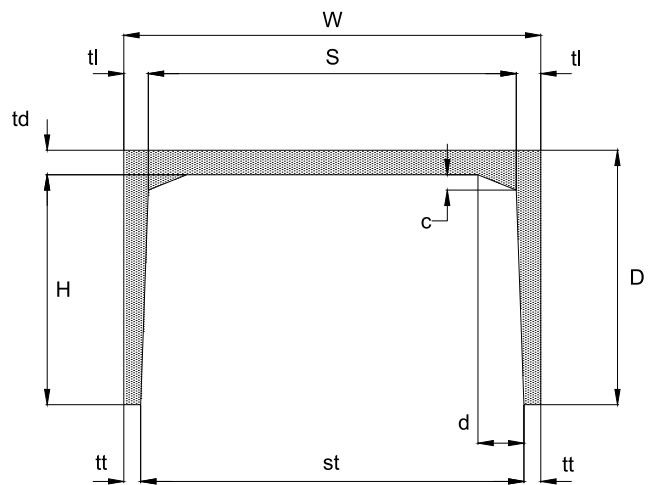


RECTANGULAR PORTAL CULVERTS

The Rectangular Portal Culvert is used in stormwater applications with high loadings, primarily in providing a waterway underneath roads and railway lines. The unit consists of a deck and two legs and is placed on a pre-cast or in-situ concrete base.

Mass per meter is an approximation only - VULA Namibia cannot guarantee the exact mass as listed on this table.

All Rectangular Portal Culverts are 1.20m long.



Nominal Size (mm)		Dimensions (mm)								Area	Class	Length	Approximate Mass	
S	H	W	D	St	td	tl	tt	c	d	m ²		m	kg/m	kg/no
450	300	590	390	460	90	70	65	37	75	0.13	200S	1.2	263	316
450	450	590	540	470	90	70	60	37	75	0.20	200S	1.2	308	370
600	300	780	390	620	90	90	80	50	100	0.18	200S	1.2	319	383
600	450	780	540	630	90	90	75	50	100	0.27	200S	1.2	367	440
600	600	780	690	640	90	90	70	50	100	0.36	200S	1.2	446	535
750	300	950	400	770	100	100	90	50	100	0.22	175S	1.2	402	482
750	450	950	550	780	100	100	85	50	100	0.33	175S	1.2	480	576
750	600	950	700	790	100	100	80	50	100	0.45	175S	1.2	525	630
750	750	950	850	800	100	100	75	50	100	0.56	175S	1.2	604	725
900	300	1110	405	920	105	105	95	50	100	0.27	175S	1.2	496	595
900	450	1110	555	930	105	105	90	50	100	0.40	175S	1.2	554	665
900	600	1110	705	940	105	105	85	50	100	0.54	175S	1.2	617	740
900	750	1110	855	950	105	105	80	50	100	0.67	175S	1.2	692	830
900	900	1110	1005	960	105	105	75	50	100	0.81	175S	1.2	758	910
1200	450	1440	570	1220	120	120	110	50	100	0.54	150S	1.2	736	883
1200	600	1440	720	1240	120	120	100	50	100	0.72	150S	1.2	814	977
1200	900	1440	1020	1260	120	120	90	50	100	1.08	150S	1.2	970	1,164
1200	1200	1440	1320	1280	120	120	80	50	100	1.44	150S	1.2	1,133	1,360
1500	600	1770	735	1540	135	135	115	75	225	0.90	100S	1.2	1,043	1,252
1500	900	1770	1035	1560	135	135	105	75	225	1.35	100S	1.2	1,211	1,453
1500	1200	1770	1335	1580	135	135	95	75	225	1.80	100S	1.2	1,380	1,656
1500	1500	1770	1635	1600	135	135	85	75	225	2.25	100S	1.2	1,533	1,840
1800	600	2100	750	1840	150	150	130	100	300	1.08	75S	1.2	1,319	1,583
1800	900	2100	1050	1860	150	150	120	100	300	1.62	75S	1.2	1,512	1,814
1800	1200	2100	1350	1880	150	150	110	100	300	2.16	75S	1.2	1,691	2,029
1800	1500	2100	1650	1900	150	150	100	100	300	2.70	75S	1.2	1,856	2,227
1800	1800	2100	1950	1920	150	150	90	100	300	3.24	75S	1.2	2,009	2,411
2100	600	2430	765	2140	165	165	145	100	300	1.26	75S	1.2	1,612	1,934
2100	900	2430	1065	2160	165	165	135	100	300	1.89	75S	1.2	1,827	2,192
2100	1200	2430	1365	2180	165	165	125	100	300	2.52	75S	1.2	2,028	2,434
2100	1500	2430	1665	2200	165	165	115	100	300	3.15	75S	1.2	2,215	2,658
2100	1800	2430	1965	2220	165	165	105	100	300	3.78	75S	1.2	2,388	2,866
2100	2100	2430	2265	2240	165	165	95	100	300	4.41	75S	1.2	2,545	3,054
2400	900	2760	1080	2460	180	180	150	100	300	2.16	75S	1.2	2,184	2,621
2400	1200	2760	1380	2480	180	180	140	100	300	2.88	75S	1.2	2,409	2,891
2400	1500	2760	1680	2500	180	180	130	100	300	3.60	75S	1.2	2,621	3,145
2400	1800	2760	1980	2520	180	180	120	100	300	4.32	75S	1.2	2,817	3,380
2400	2100	2760	2280	2540	180	180	110	100	300	5.04	75S	1.2	3,003	3,604
2400	2400	2760	2580	2560	180	180	100	100	300	5.76	75S	1.2	3,174	3,809
3000	1200	3420	1410	3080	210	210	170	150	300	3.60	75S	1.2	3,235	3,882
3000	1500	3420	1710	3100	210	210	160	150	300	4.50	75S	1.2	3,493	4,192
3000	1800	3420	2010	3120	210	210	150	150	300	5.40	75S	1.2	3,735	4,482
3000	2100	3420	2310	3140	210	210	140	150	300	6.30	75S	1.2	3,967	4,760
3000	2400	3420	2610	3160	210	210	130	150	300	7.20	75S	1.2	4,184	5,021
3000	3000	3420	3210	3200	210	210	110	150	300	9.00	75S	1.2	4,576	5,491
3600	1200	4080	1440	3680	240	240	200	150	300	4.32	75S	1.2	4,174	5,009
3600	1500	4080	1740	3700	240	240	190	150	300	5.40	75S	1.2	4,472	5,366
3600	1800	4080	2040	3720	240	240	180	150	300	6.48	75S	1.2	4,775	5,730
3600	2100	4080	2340	3740	240	240	170	150	300	7.56	75S	1.2	5,066	6,079
3600	2400	4080	2640	3760	240	240	160	150	300	8.64	75S	1.2	5,326	6,391
3600	3000	4080	3240	3800	240	240	140	150	300	10.80	75S	1.2	5,808	6,970