

Approved Document G - Table A1 Water Efficiency Calculator for Dwellings

Project Ref: Collville Road - Phase 3
 Revision: 2
 Date: 27/03/2024



Installation Type	Unit of Measure	Capacity/ flow rate	Use factor	Fixed use (litres/ person/ day)	litres/ person/day
WC Single Flush	Flush Volume (litres)	0	4.42	0	0.00
WC Dual Flush	Full flush volume (litres)*	4	1.46	0	5.84
	Part flush volume (litres)*	2.6	2.96	0	7.70
WC's Multiple fittings	Average effective flushing volume (litres)	0.0	4.42	0	0.00
Taps (Excluding kitchen/utility room taps)	Flow rate (litres/min)	4.0	1.58	1.58	7.90
Bath (where shower also present)	Capacity to overflow	160	0.11	0	17.60
Shower (where bath is also present)	Flow rate (litres/min)	8	4.37	0	34.96
Bath only	Capacity to overflow	0	0.5	0	0.00
Shower only	Flow rate (litres/min)	0	5.6	0	0.00
kitchen/utility sink taps	Flow rate (litres/min)*	8	0.44	10.36	13.88
Washing machine	Litres/kg dry load	8.17	2.1	0	17.16
Dishwasher	Litres/place setting	1.25	3.6	0	4.50
Waste disposal unit	Litres/use (if present=1, if absent=0)	0	3.08	0	0.00
water softener	Litre/person/day	0	1	0	0.00
	Total calculated Use				109.53
	Contribution from grey water (litres /person/day)				0.00
	Contribution from rain water (litres /person/day)				0.00
	Normalisation factor				0.91
	Total water consumption				99.68
	External water use				5.00
	Total water consumption				104.68
This water consumption value applies to all apartment types provided all apartments use the same fittings. * Values will have to be restricted to recommended values					