

Approved Document G - Table A1 Water Efficiency Calculator for Dwellings

Project Ref: Collville Road - Phase 3 - Terrace Houses
 Revision: 1
 Date: 18/04/2024



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 end terrace houses					

* Values will have to be restricted to recommended values