

WATER EFFICIENCY CALCULATION

Land Rear of 99 London Road
Reading
RG1 5BY

Installation Type	Unit of Measure	Capacity / Flow Rate	Number	Use Factor	Fixed Use	Litres / Person / Day
WC (single flush)	Flush Volume (litres)			4.42	0	0
WC (dual flush)	Full flush Volume (litres)	6	4	1.46	0	8.76
	Part flush Volume (litres)	3	4	2.96	0	8.88
WC (multiple fittings)	Average effective flushing Volume (litres)			4.42	0	0
Taps (excluding kitchen / utility room taps)	Flow rate (litres / min)	4	4	1.58	1.58	7.9
Bath (where shower also present)	Capacity to overflow (litres)	240	2	0.11	0	26.4
Shower (where bath also present)	Flow Rate (litres / minute)	8	4	4.37	0	34.96
Bath Only	Capacity to overflow (litres)			0.5	0	0
Shower Only	Flow Rate (litres / minute)			5.6	0	0
Kitchen / Utility room sink taps	Flow rate (litres / minute)	3.23	1	0.44	10.36	11.7812
Washing Machine	(Litres / kg dry load)	6.28	1	2.1	0	13.19
Dishwasher	(Litres / place setting)	0.94	1	3.6	0	3.384
Waste disposal unit	(Litres / use)	Present		3.08	0	
Water Softener	(Litres / person / day)			1	0	0
-5	Total Calculated use (litres / person / day) =SUM(column 4)					115.25
-6	Contribution from greywater (litres / person / day)					0
-7	Contribution from rainwater (litres / person / day)					0
-8	Normalisation factor					0.91
-9	Total water consumption (Code for Sustainable Homes) = [(5)-(6)-(7)]x(8) (litres / person / day)					104.88
-10	External water use					5
-11	Total water consumption (Building Regulation 17.K) =(9)+(10)(litres / person / day)					109.88

Installation Type	Make / Model	Litres / Person / Day
WC (single flush)		0
WC (dual flush)	Rocca Debba	17.64
WC (multiple fittings)		0
Taps (excluding kitchen / utility room taps)	Bristan Glide	7.9
Bath (where shower also present)	Synergy Bolsena	26.4
Shower (where bath also present)	Penrith	34.96
Bath Only		0
Shower Only		0
Kitchen / Utility room sink taps	Mana Loose Coil	11.7812
Washing Machine	Bosche S4 WKD28352GB	13.19
Dishwasher	Bosche SPV2HKX39G	3.384
Waste disposal unit		0
Water Softener		0