

Water Efficiency Calculator



Site Address	Kilmory, Grass Hill, Caversham, Reading, RG4 7TJ

Dwelling number / Type	House
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Installation Type	Unit of Measure	Capacity / Flow Rate (1)	Use Factor (2)	Fixed use (litres / person / day) (3)	Litres / Person / Day = [(1) x (2)] + (3) (4)
WC (single flush)	Flush volume (litres)	0	4.42	0.00	0.00
WC (dual flush)	Full flush volume (litres)	6	1.46	0.00	8.76
	Part flush volume (litres)	3	2.96	0.00	8.88
WC (multiple fittings)	Average effective flushing volume (litres)	0	4.42	0.00	0.00
Taps (excluding kitchen / utility room taps)	Flow rate (litres / min)	4	1.58	1.58	7.90
Bath (where shower also present)	Capacity to overflow (litres)	156	0.11	0.00	17.16
Shower (where bath also present)	Flow rate (litres / min)	10	4.37	0.00	43.70
Bath only	Capacity to overflow (litres)	0	0.50	0.00	0.00
Shower only	Flow rate (litres / min)	0	5.60	0.00	0.00
Kitchen / Utility room sink taps	Flow rate (litres / min)	5	0.44	10.36	12.56
Washing Machine	(Litres / Kg dry load)	5.875	2.10	0.00	12.34
Dishwasher	(Litres / place setting)	0.654	3.60	0.00	2.35
Waste disposal unit	(Litres / use)	0	3.08	0.00	0.00
Water softener	(Litres / person / day)	0	1.00	0.00	0.00

(5)	Total Calculated use (litres / person / day)	113.65
(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)	103.42
(10)	External water use	5.00
(11)	Total water consumption (Building Regulation 17.K) = (9)+(10) (litres / person / day)	108.42

RESULT	PASS
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