



ENERGY REPORT

building certification | compliance | testing

Project:

Client:

Project Reference:

Date:

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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)		4.42	0.00	0
WC (dual flush)	Full flush Volume (litres)	6	1.46	0.00	8.76
	Part flush Volume (litres)	2.6	2.96	0.00	7.70
WC (multiple fittings)	Average effective flushing Volume (litres)		4.42	0.00	0
Taps (excluding kitchen/utility room taps)	Flow rate (litres/min)	4.00	1.58	1.58	7.90
Bath (where shower also present)	Capacity to overflow(litres)	145.00	0.11	0.00	15.95
Shower (where bath also present)	Flow Rate(litres / minute)	4.50	4.37	0.00	19.67
Bath Only	Capacity to overflow(litres)		0.50	0.00	0
Shower Only	Flow Rate (litres/minute)		5.60	0.00	0
Kitchen/Utility room sink taps	Flow rate (litres/minute)	8.00	0.44	10.36	13.88
Washing Machine	(Litres/kg dry load)	8.17	2.1	0.00	17.157
Dishwasher	(Litres/place setting)	1.25	3.6	0.00	4.5
Waste disposal unit	(Litres/use)	<input type="checkbox"/> Present	3.08	0.00	0
Water Softener	(Litres/person/day)		1.00	0.00	0
	(5)	Total Calculated use (litres/person/day) = SUM(column 4)			95.52
	(6)	Contribution from greywater (litres/person/day)			0
	(7)	Contribution from rainwater (litres/person/day)			0
	(8)	Normalisation factor			0.91
	(9)	Total internal water consumption = [(5)-(6)-(7)]x(8) (litres/person/day)			86.92
	(10)	External water use			5.0
	(11)	Total water consumption (Building Regulation 17.K) = (9)+(10)(litres/person/day)			91.9

Installation Type	Make/Model (mandatory)	Litres/Person/Day
WC (dual flush)	Dual flush with average usage of 3.72 litres (dual flush 6/2.6 l)	16.46
Taps	Max flow rate of 4 litres/min	7.90
Baths (shower(s) present)	Max 145 litres	15.95
Showers (bath(s) present)	Max flow rate of 4.5 litres/min	19.67
Kitchen Taps	Max flow rate of 8 litres/min	13.88
Washing Machines		17.157
Dishwasher		4.5

