

Timberley

Congratulations

You are within your target maximum consumption of potable water (**105** litres / person / day).

Total water consumption from your calculation 104.92 litres per person per day

This calculator is intended to inform design choices by demonstrating the likely impact of specification changes on total water consumption. Results can only be used to demonstrate compliance with the Code for Sustainable Homes when the calculations have been verified by a suitably qualified Code for Sustainable Homes assessor.

Calculation summary:

Installation type	Unit of measure	Capacity / flow rate	Use factor	Fixed use	Litres / person / day
WCs (dual flush) Full Flush	Average effective flushing volume (litres)	10.14	1.46	0	14.8
Taps (excl. kitchen/utility room)	Flow rate (litres/minute)	5.2	1.58	1.58	9.8
Bath	Capacity to overflow (litres)	100	0.11	0	11
Shower	Flow rate (litres / minute)	10	4.37	0	43.7
Kitchen/utility room sink taps	Flow rate (litres / minute)	4.9	0.44	10.36	12.52
Washing machine	Litres / kg dry load	6.42	2.1	0	13.48
Dishwasher	Litres / place setting	1.25	3.6	0	4.5
Waste disposal unit	Litres / use		3.08	0	
Water softener	Litres / person / day		1.00	0	

Totals

Total Calculated use (litres/person/day)	109.80
Contribution from greywater (litres/person/day)	
Contribution from rainwater (litres/person/day)	
Normalisation factor	0.91
Total internal water consumption (litres/person/day)	99.92
External water use	5.00
Total water consumption (Building Regulations Part G)	104.92

Products

WCs (single flush)

Single flush WCs	Flush volume (litres)	Quantity	Total
Toilet floor standing 570 mm, Happy D.2, colour White, washdown model, horizontal outlet, WonderGliss – 21590900001- Duravit	3.38	1	3.38
		1	3.38
	Average Flush volume (litres)		3.38

Products

Taps

(excluding kitchen/utility room taps, bath/shower taps, and external taps)

Taps	Flow rate (litres / minute)	Quantity	Total
Basin Mixer – A47012STA - Artema	1.30	1	5.20
		1	5.2
	Average Flow rate (litres / minute)		5.2
	Proportionate Flow rate (litres / minute) (Maximum × 0.7)		3.64

Baths

Baths	Capacity to overflow (litres)	Quantity	Total
B45/Comprimo bath tub 1600x750mm, right – 657260000-Keramag	100.00	1	100.00
		1	100
	Average Capacity to overflow (litres)		100
	Proportionate Capacity to overflow (litres) (Maximum × 0.7)		70.00

Products

Showers

Showers	Flow rate (litres / minute)	Quantity	Total
Mira Minilite Eco surface mounted single control thermostatic mixer shower – 1.1663.282 - Kohler Mira Ltd	6.00	1	12.00
		1	12
	Average Flow rate (litres / minute)		12
	Proportionate Flow rate (litres / minute) (Maximum × 0.7)		8.40

Waste disposal unit

Kitchen/utility room sink taps	Litres / person / day
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Water softener

Water softener	Litres / person / day
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Products