



Water Calculations to Satisfy 17.K Compliance

Apartments 1 - 12, 252 Finchley Road

11th September 2015

Project Name:	252 Finchley Road
Contact:	Alessandro Penna

Installation type	Unit of measure	Capacity/ flow rate	Use factor	Fixed use (litres/ person/ day)	Litres/ person/ day
WC (single flush)	Flush volume (litres)	0.00	4.42	0.00	0.00
WC (dual flush)	Full flush volume (litres)	4.00	1.46	0.00	5.84
	Part flush volume (litres)	3.00	2.96	0.00	8.88
WCs (multiple fittings)	Average effective flushing volume (litres)	0.00	4.42	0.00	0.00
Taps (excluding kitchen/ utility room taps)	Flow rate (litres/minute)	4.00	1.58	1.58	7.90
Bath (where shower also present)	Capacity to overflow (litres)	165.00	0.11	0.00	18.15
Shower (where bath also present)	Flow rate (litres/minute)	8.00	4.37	0.00	34.96
Bath only	Capacity to overflow (litres)	0.00	0.50	0.00	0.00
Shower only	Flow rate (litres/minute)	0.00	5.60	0.00	0.00
Kitchen/utility room sink taps	Flow rate (litres/minute)	4.00	0.44	10.36	12.12
Washing Machine*	Litres/kg dry load	8.17	2.10	0.00	17.16
Dishwasher*	Litres/place setting	1.25	3.60	0.00	4.50
Waste Disposal Unit	Litres/use	0.00	3.08	0.00	0.00
Water Softener	Litres/person/day	0.00	1.00	0.00	0.00
Total Water Use					109.5
Normalisation Factor					0.91
External Water Use					5.00
Water Consumption (Building Regulation 17 .K)					104.7
Result					Pass

Calculations completed by:
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Date:
 11th September 2015

*Not specified so default values used

Note: All flow rates will be achieved by fitting flow restrictors into the pipework