

Part G Compliance Report

PROJECT DETAILS

Project Reference: XG6703G
Client: Surefix Ltd
Property: Flats 1-8, Fernwood House
London Road
Waterlooville PO7 7HG

Local Authority: Havant Borough Council
Agent: CFA

Assessor: Joe Solti
Address: Therm Energy Ltd
Contact: 01903 884357
Software: G-Calc 2015 version 3.0.2
Prepared on: 29-Sep-20

RESULT SUMMARY

By following the Government's national calculation methodology for assessing water efficiency in new dwellings this 1 bed dwelling, as built, achieves a water consumption of 106.2 litres per person per day.

Compliance with Building Regulation 36(1) has been demonstrated.

Table 1: The Water Calculator for New Dwellings

Installation Type	Unit of measure	Value	Use factor	Fixed use	litres/person/day
WC(single flush)	Flush volume (litres)		4.42	0.00	0
WC(dual flush)	Full flush vol.	6	1.46	0.00	8.76
	Part flush vol.	4	2.96	0.00	11.84
WC(multiple fittings)	Average effective Flush vol. (litres)		4.42	0.00	0
Taps(excl. Kitchen)	Flow rate (litres/min)	4.5	1.58	1.58	8.69
Bath (shower also present)	Capacity to overflow (litres)	175	0.11	0.00	19.25
Shower (bath also present)	Flow rate (litres/min)	6.5	4.37	0.00	28.4
Bath only	Capacity to overflow (litres)	0	0.50	0.00	0
Shower only	Flow rate (litres/minute)	0	5.6	0.00	0
Kitchen sink taps	Flow rate (litres/minute)	5	0.44	10.36	12.56
Washing Machine	litres/kg dry load	8.17	2.1	0.0	17.16
Dishwasher	litres/place setting	1.25	3.6	0.0	4.5
Waste disposal	litres/use	0	3.08	0.0	0
Water softener	litres/person/day	0	1.0	0.0	0
Total calculated use (litres/person/day)					111.16
Contribution from greywater (litres/person/day)					-
Contribution from rainwater (litres/person/day)					-
Normalisation factor					0.91
Total Water Consumption. Code for Sustainable Homes (litres/person/day)					101.2
External water use					5.0
Total Water Consumption. (36(1)) (litres/person/day)					106.2

Summary of fitting types "As Built"			
Type	Description	Flow rates, volumes etc.	Qty
Taps	Taps	4.5 litres/min	1
Baths	Baths	175 litres to overflow	1
Dishwashers	Dishwasher	1.25 litres/place	1
Washing Machines	Washing Machine	8.17 litres/kg	1
Showers	Showers	6.5 litres/min	1
WC's	Toilets	6 / 4 litres flush vols.	1
Kitchen/Utility taps	Taps	5 litres/min	1

-----End of Report-----

Notice of Water Efficiency

Building Regulation 36(2)(a) applies.

By following the Government's methodology for assessing water efficiency as set out in "Approved Document G 2015," the potential consumption of wholesome water per person per day for the new dwelling at:

Flats 1-8, Fernwood House

London Road

Waterlooville

PO7 7HG

has been calculated as:

106.2 litres per person per day