

Part G Compliance Report

PROJECT DETAILS

Project Reference:

Client:

Property: Apartment 1, Forest Grove House, 101a, London Road, Cowplain,
Waterlooville, Hampshire
PO8 8BX

A.I.:

Agent:

Assessor: Surecalc Limited

Address: Accredited Energy Assessors

Contact:

Software: G-Calc 2015 version 3.0.2

Prepared on: 02-Sep-18

RESULT SUMMARY

By following the Government's national calculation methodology for assessing water efficiency in new dwellings this 2 bed dwelling, as built, achieves a water consumption of 124.4 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	
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	
Taps(excl. Kitchen)	Flow rate (litres/min)	6	1.58	1.58	11.06
Bath (shower also present)	Capacity to overflow (litres)	185	0.11	0.00	20.35
Shower (bath also present)	Flow rate (litres/min)	10	4.37	0.00	43.7
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)	8	0.44	10.36	13.88
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)					131.25
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)					119.4
External water use					5.0
Total Water Consumption. (36(1)) (litres/person/day)					124.4

Summary of fitting types "As Built"			
Type	Description	Flow rates, volumes etc.	Qty
Taps		6 litres/min	1
Baths		185 litres to overflow	1
Dishwashers		1.25 litres/place	1
Washing Machines		8.17 litres/kg	1
Showers		10 litres/min	1
WC's		6 / 4 litres flush vols.	1
Kitchen/Utility taps		8 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:

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has been calculated as:

124.4 litres per person per day