Part G Compliance Report

PROJECT DETAILS

Project Reference:	ZK65-04B1
Client:	
Property:	Stable Cottage Woodmans Farm, London Road Ashington RH20 3AU

Local Authority:	Horsham District Council
Agent:	CPA Property

Assessor:	Joe Solti
Address:	Therm Energy Ltd
Contact:	01903 884357
Software:	G-Calc 2015 version 3.0.2
Prepared on:	08-Jan-25

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 116.2 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	
WC(dual flush)	Full flush vol.	6	1.46	0.00	8.76
	Part flush vol.	3	2.96	0.00	8.88
WC(multiple fittings)	Average effective Flush vol. (litres)		4.42	0.00	
Taps(excl. Kitchen)	Flow rate (litres/min)	8	1.58	1.58	14.22
Bath (shower also present)	Capacity to overflow (litres)	180	0.11	0.00	19.8
Shower (bath also present)	Flow rate (litres/min)	8	4.37	0.00	34.96
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)	122.16
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)	**111.2**
External water use	5.0
Total Water Consumption. (36(1)) (litres/person/day)	**116.2**

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Summary of fitting types "As Built"			
Type	Description	Flow rates, volumes etc.	Qty
Taps	Basin Taps	8 litres/min	1
Baths	Bath	180 litres to overflow	1
Dishwashers	Indesit	1.25 litres/place	1
Washing Machines		8.17 litres/kg	1
Showers	Shower	8 litres/min	1
WC's	Dual Flush WC	6 / 3 litres flush vols.	1
Kitchen/Utility taps	Kitchen Taps	8 litres/min	1

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

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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:

Stable Cottage
Woodmans Farm, London Road
Ashington

RH20 3AU

has been calculated as:

116.2 litres per person per day