

Part G Water Calculations Summary

Project: 291 West End Road, West End, Southampton, SO18 3BW

Client: Ranjeet Shahi @ R S Studio (Sikhingit Ltd.)

Date: 23/02/2023

In order to comply with Part G of the building regulations new homes must not exceed a water efficiency standard of 125 litres per person per day.

The water consumption for this project has been calculated as per the standard calculation methodology issued by the DCLG which takes into account the dwelling's assumed occupancy and the number of fixtures/fittings and their associated water use.

The total predicted water consumption has been calculated as:

104.92 litres/person/day

Therefore compliance with Part G and the Planning Condition has been met. Please refer to the accompanying calculation sheet for full details.

The result is contingent upon the following:

Fixture / Fitting	Water Usage
Bathroom taps	Average flow rate of 4.0 litres per minute (or less)
Kitchen tap	Average flow rate of 6.0 litres per minute (or less)
WCs	Full flush volume of 5.0 litres, part flush volume of 3.0 litres
Showers	Average flow rate of 8.0 litres per minute (or less)
Baths (if supplied)	Capacity of 180 litres to overflow (or less)
Washing machine (if supplied)	To use 7.00 litres per kg dry load (or less)
Dishwasher (if supplied)	To use 0.90 litres per place setting (or less)

Inline flow limiters should be fitted to the pipe work where the fittings do not achieve the above flow rates.

If you have any questions regarding the Part G water calculation, then please do not hesitate to contact the office.