

4 St Johns Road
Tunbridge Wells
Kent TN4 9NP

Tel: [REDACTED]
[REDACTED]
www.achievegreen.co.uk



Mr Kaushil Patel
Landmark Group

21 November 2023

Dear Mr Patel

SUMMARY OF COMPLIANCE CRITERIA FOR BUILDING REGULATIONS PART G

Re: Part G water calculation for two new dwellings at 47 Fernbank Road, Ascot, Berkshire SL5 8HY.

Water Efficiency

In order to comply with Part G new homes must not exceed a water efficiency standard of 125 litres per person per day. Based on the information you have provided to us we have calculated the total predicted water consumption per person per day for the dwellings to be 109.97 litres. I am therefore pleased to say the proposed dwellings satisfy the Part G compliance criteria for water consumption. The result of this calculation is contingent upon:

- Bathroom sink mixer tap to have a flow rate no greater than 5 litres per minute;
- Kitchen tap to have a flow rate no greater than 8 litres per minute;
- Utility tap to have a flow rate no greater than 8 litres per minute;
- Dual flush WC to have a full flush volume of 4.5 litres or less and part flush volume of 3 litres or less;
- Shower to have a flow rate no greater than 9 litres per minute;
- Bath to have a capacity no greater than 175 litres;
- Washing machine to use no more than 7 litres per Kg dry load;
- Dishwasher to use no more than 0.9 litres per place setting;
- No water softener;
- No waste disposal; and
- No use of grey water or harvested water.



Hot Water Safety

Heating and hot water installation to comply with the Domestic Heating Compliance Guide.

In order to comply with Part G, baths in new homes are required to have thermostatic control of water temperatures such that water should not exceed 48°C.

Options for compliance include:

- Installing bath mixer-taps with built-in thermostats; or
- Installing an under-bath thermostat. This is a form of thermostatic mixing valve and limits the maximum temperature of hot water flow into the bath.

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

Yours sincerely,



Jonathan Southworth