

P.R. Correspondence?	
REF:	
15 MAR 2021	Init'l
CHQ. DESK	
DRAWER	

WATER SERVICES AND INTERNAL WATER USE.

All New Water supply pipes and fittings are to comply fully with current Water Authority Regulations and with BS 6700 Services supplying Water.

Hot and cold water services are to be provided to all sanitary fittings and relevant appliances as required.

Bath taps are to be fitted with a mixer / blender valve to ensure that the temperature of water leaving the tap outlet does not exceed 48 degrees C, and close to the final outlet to prevent the colonisation of waterborne pathogens.

All water supply pipes to be fully accessible via access panels.

Internal water use is to be regulated to a maximum of 110 litres per person / day as required under planning Condition.

Calculations indicating the internal water use are also required as part of the dwelling completion documentation by Building Control.

As a guide,

New WC's to be dual flush type with flushing restricted to 6 litre full and 4 litre part flush.

Kitchen Sink / taps to be fitted with Flow Restrictors limiting the flow to 9 litres / min.

Hand basin taps to be fitted with Flow Restrictors limiting flow to 5 litres / min.

Bath Volume up to overflow 170 litres.

Shower heads to be fitted with Flow Restrictors limiting flow to 7 litres / min.

Washing Machine and Dishwashers are excluded from the above and default (worse) Figures will be included for which the above allowances are based on.

Contractor to note that the above is also based on there being a Bath and a Shower (or shower bath attachment) present within the dwelling. Seek advice if otherwise proposed as it will effect the final calculation.



Job no: 8 1 2021
 Date: 8 1 2021
 Assessor name: Mr Alan Ironmonger
 Registration no: FUESCA 102
 Development name: rear of 7 Horselees Road

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WATER EFFICIENCY CALCULATOR FOR NEW DWELLINGS - (BASIC CALCULATOR)

House Type:		Type 1	Type 2	Type 3	Type 4	Type 5	Type 6	Type 7	Type 8	Type 9	Type 10
Description:		New Dwelling									
Installation Type	Unit of measure	Capacity/ flow rate	Litres/ person/ day	Capacity/ flow rate	Litres/ person/ day	Capacity/ flow rate	Litres/ person/ day	Capacity/ flow rate	Litres/ person/ day	Capacity/ flow rate	Litres/ person/ day
Is a dual or single flush WC specified?		Dual		Select option:		Select option:		Select option:		Select option:	
WC	Full flush volume	6	8.76		0.00		0.00		0.00		0.00
	Part flush volume	4	11.84		0.00		0.00		0.00		0.00
Taps (excluding kitchen and external taps)	Flow rate (litres / minute)	5	9.48		0.00		0.00		0.00		0.00
Are both a Bath & Shower Present?		Bath & Shower		Select option:		Select option:		Select option:		Select option:	
Bath	Capacity to overflow	170	18.70		0.00		0.00		0.00		0.00
Shower	Flow rate (litres / minute)	7	30.59		0.00		0.00		0.00		0.00
Kitchen sink taps	Flow rate (litres / minute)	9	14.32		0.00		0.00		0.00		0.00
Has a washing machine been specified?		No		Select option:		Select option:		Select option:		Select option:	
Washing Machine	Litres / kg		17.16		0.00		0.00		0.00		0.00
Has a dishwasher been specified?		No		Select option:		Select option:		Select option:		Select option:	
Dishwasher	Litres / place setting		4.50		0.00		0.00		0.00		0.00
Has a waste disposal unit been specified?		No		Select option:		Select option:		Select option:		Select option:	
Water Softener	Litres / person / day		0.00		0.00		0.00		0.00		0.00
Calculated Use		115.3		0.0		0.0		0.0		0.0	
Normalisation factor		0.91		0.91		0.91		0.91		0.91	
Total Consumption		105.0		0.0		0.0		0.0		0.0	
Code for Sustainable Homes		Level 3/4		-		-		-		-	
Mandatory level											
External use		5.0		5.0		5.0		5.0		5.0	
Total Consumption		110.0		0.0		0.0		0.0		0.0	
17.K Compliance?		Yes		-		-		-		-	