



Job no:	22-Nov-17 David Wright
Date:	
Assessor name:	
Registration no:	
Development name:	Bicester KME

WATER EFFICIENCY CALCULATOR FOR NEW DWELLINGS - (BASIC CALCULATOR)

House Type:		Type 1		Type 2		Type 3		Type 4	
Description:		5 Bed 5012,5011,503,504		4 Bed 4006,409,408,404,403		3 Bed 3003,308,306		2 Bed S241, SB Bung	
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
Is a dual or single flush WC specified?		Dual		Dual		Dual		Dual	
WC	Full flush volume	4	5.84	4	5.84	4	5.84	4	5.84
	Part flush volume	2.6	7.70	2.6	7.70	2.6	7.70	2.6	7.70
Taps (excluding kitchen and external taps) Taps (excluding kitchen and external taps) Taps (excluding kitchen and external taps)		5	9.48	5	9.48	5	9.48	5	9.48
Are both a Bath & Shower Present?		Bath & Shower		Bath & Shower		Bath & Shower		Bath & Shower	
Bath	Capacity to overflow	194	21.34	194	21.34	194	21.34	130	14.30
Shower	Flow rate (litres / minute)	9	39.33	9	39.33	9	39.33	8	34.96
Kitchen sink taps	Flow rate (litres / minute)	6	13.00	6	13.00	6	13.00	6	13.00
Has a washing machine been specified?		Yes		Yes		Yes		No	
Washing Machine	Litres / kg	7.43	15.60	7.43	15.60	7.43	15.60	7.43	17.16
Has a dishwasher been specified?		Yes		Yes		Yes		No	
Dishwasher	Litres / place setting	0.85	3.06	0.85	3.06	0.85	3.06	0.85	4.50
Has a waste disposal unit been specified?		No		No		No		No	
Water Softener	Litres / person / day		0.00		0.00		0.00		0.00
Calculated Use		115.3		115.3		115.3		106.9	
Normalisation factor		0.91		0.91		0.91		0.91	
Code for Sustainable Homes	Total Consumption	105.0		105.0		105.0		97.3	
	Mandatory level	Level 3/4		Level 3/4		Level 3/4		Level 3/4	
External use		5.0		5.0		5.0		5.0	

Building Regulations 17.K	Total Consumption 17.K Compliance?	110.0		110.0		110.0		102.3
		Yes		Yes		Yes		Yes

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projects where a Code for Sustainable Homes assessment is carried out. Whilst every care is taken in preparing the Wat 1 assessment tool, BREG cannot accept responsibility for any inaccuracies or for consequential loss incurred as a result of such inaccuracies arising through the use of the Wat 1 tool.

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Type 5		Type 6		Type 7		Type 8		Type 9		Type 10	
Affordable 1Bed Flat		Affordable 2 Bed Flat									
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	Capacity/ flow rate	Litres/ person/ day
Dual		Dual		Dual		Dual		Click to Select		Click to Select	
4	5.84	4	5.84		0.00		0.00		0.00		0.00
2.6	7.70	2.6	7.70		0.00		0.00		0.00		0.00
5	9.48	5	9.48		0.00		0.00		0.00		0.00
Bath & Shower		Bath & Shower		Select option:		Select option:		Select option:		Select option:	
130	14.30	130	14.30		0.00		0.00		0.00		0.00
8	34.96	8	34.96		0.00		0.00		0.00		0.00
6	13.00	6	13.00		0.00		0.00		0.00		0.00
No		No		Select option:		Select option:		Select option:		Select option:	
7.43	17.16	7.43	17.16		0.00		0.00		0.00		0.00
No		No		Select option:		Select option:		Select option:		Select option:	
0.85	4.50	0.85	4.50		0.00		0.00		0.00		0.00
No		No		Select option:		Select option:		Select option:		Select option:	
	0.00		0.00		0.00		0.00		0.00		0.00
	0.00		0.00		0.00		0.00		0.00		0.00
	106.9		106.9		0.0		0.0		0.0		0.0
	0.91		0.91		0.91		0.91		0.91		0.91
	97.3		97.3		0.0		0.0		0.0		0.0
	Level 3/4		Level 3/4		-		-		-		-
	5.0		5.0		5.0		5.0		5.0		5.0

	102.3		102.3		0.0		0.0		0.0		0.0
	Yes		Yes		-		-		-		-