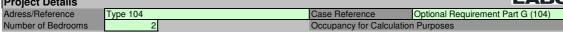
Water Efficiency Calculator for New Dwellings (V1f - Aug 2010)

Project Details



Appliance/Useage Details
Taps (Excluding Kitchen Taps)

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Tap Fitting Type	Flow Rate Litres/Min	Quantity (No.)	Total per Fitting type		
BATHROOM	6.00	1	6.00		
CLOAKS	4.00	1	4.00		
			0.00		
			0.00		
			0.00		
			0.00		
Total No. of Fittings (No	.)	2			
Total Flow (I/s)			10.00		
Maximum Flow (I/s)			6.00		
Average Flow (I/s) 5.00					
Weighted Average Flow	Weighted Average Flow (I/s) 4.2				
Flow for Calculation (I/s) 5.00					

Baths

Bath Type	Capacity to Overflow	Quantity (No.)	Total per Fitting type
BATHROOM	160.00	1	160.00
			0.00
			0.00
			0.00
Total No. of Fittings (No	.)	1	
Total Capacity (I)			160.00
Maximum Capacity (I)			160.00
Average Capacity (I)	160.00		
Weighted Average Capa	city (I)		112.00
Capacity for Calculation	(I)		160.00

Dishwashers

Dishwasher Type	L per Place Setting	Quantity (No.)	Total per Fitting type
N/A	Cotting	(110.)	0.00
			0.00
Total No. of Fittings (No	.)	0	
Total Consumption (I)			1.25
Maximum Consumption (I)			1.25
Average Consumption (I/s)			1.25
Weighted Average Consumption (I)			0.88
Consumption for Calcul	ation (I/s)		1.25

Kitchen Taps

Tap Fitting Type	Flow Rate Litres/Min	Quantity (No.)	Total per Fitting type
		(140.)	
KITCHEN	6.00	2	12.00
			0.00
			0.00
Total No. of Fittings (No.	.)	2	
Total Flow (I/s)			12.00
Maximum Flow (I/s)			6.00
Average Flow (I/s)			6.00
Weighted Average Flow	(l/s)		4.20
Flow for Calculation (I/s))		6.00

Showers

Shower fitting Type	Flow Rate Litres/Min	Quantity (No.)	Total per Fitting type
BATHROOM	8.00	1	8.00
			0.00
			0.00
			0.00
			0.00
			0.00
Total No. of Fittings (No	.)	1	
Total Flow (I/s)			8.00
Maximum Flow (I/s)			8.00
Average Flow (I/s)			8.00
Weighted Average Flow	(I/s)		5.60
Flow for Calculation (I/s)		8.00

WCs

	Full Flush	Part Flush	Quantity
WC Type	Volume	Volume	(No)
BATHROOM	6.00	3.00	1
CLOAKS	6.00	3.00	1

Total number of fittings	2
Average effective flushing volume	4.00

Washing Machines

Washing Machine	L per Kg	Quantity	Total per
Туре	Dry Load	(No.)	Fitting type
N/A			0.00
			0.00
Total No. of Fittings (No	0.)	(0
Total Consumption (I)			8.17
Maximum Consumption	(I)		8.17
Average Consumption (I/s)			8.17
Weighted Average Cons	sumption (I)		5.72
Consumption for Calcul	lation (I/s)		8 17

Other Fittings

Waste Disposal Y/N	N
Water softner	
Consumption beyond 4% I/p/d	

Use of grey water and harvested rainwater

Total Grey water from WHB taps (I)	
Total Availble Grey Water Supply (I)	157.68
Possible Demand (I)	104.51
Grey/Rain Installed Capacity (I)	
Figure for Calculation lit/person/day	0.00

Water Use Assessment

Installation Type	Unit	Capacity/	Use Factor	Fixed use	Total Use	
		Flow Rate		(l/p/day)	(l/p/day)	
WC Single Flush	Volume (I)	0.00	4.42	0.00	0.00	
WC Dual Flush	Full Flush (I)	0.00	1.46	0.00	0.00	
	Pt Flush (I)	0.00	2.96	0.00	0.00	
WC's (Multiple)	Volume (I)	4.00	4.42	0.00	17.68	
Taps Exc. Kitchen	Flow Rate	5.00	1.58	1.58	9.48	
Bath (shower present)	(l/s)	160.00	0.11	0.00	17.60	
Shower (bath present)	(l/s)	8.00	4.37	0.00	34.96	
Bath Only	(I)	0.00	0.50	0.00	0.00	
Shower Only	(l/s)	0.00	5.60	0.00	0.00	
Kitchen Taps	(l/s)	6.00	0.44	10.36	13.00	
Washing Machines	(l/kgdry)	8.17	2.10	0.00	17.16	<< Note - these may be default values.
Dishwashers	(l/place)	1.25	3.60	0.00	4.50	<< You can change them by entering
Waste Disposal	(l/s)	0.00	3.08	0.00	0.00	the actual applicances in the
Water Softner	(l/s)	0.00	1.00	0.00	0.00	appropriate sections above
Total Calculated Water	Use (I/p/day)				114.38	
Grey/RainWater Reused	(l)				0.00	
Normalisation Factor	(Factor)				0.91	
Total Consumption CSI	H (I/p/day)				104.08	
External Water Use Allow	vance (I)				5.00	
Total Comsumption Pa	rt G (I/p/day)				109.08	
Assesment Result					PASS	