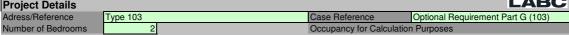
Water Efficiency Calculator for New Dwellings (V1f - Aug 2010)

Project Details



Appliance/Useage Details
Taps (Excluding Kitchen Taps)

Tap Fitting Type Flow Rate Quantity Total per					
	Litres/Min	(No.)	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	(I/s)		4.20		
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 Capacity (I) 112.00				

Dishwashers

Capacity for Calculation (I)

Dishwasher Type	L per Place	•	Total per
	Setting	(No.)	Fitting type
N/A			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 Calculation (I/s)			1.25

Kitchen Taps

Tap Fitting Type	Flow Rate Litres/Min	Quantity (No.)	Total per Fitting type
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	(I/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 (N	o.)		0
Total Consumption (I)			8.17
Maximum Consumptio	n (l)		8.17
Average Consumption	(I/s)		8.17
Weighted Average Con	sumption (I)		5.72
Consumption for Calcu	ulation (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)	(I/p/day)	
WC Single Flush	Volume (I)	0.00	4.42	0.00	0.0	0
WC Dual Flush	Full Flush (I)	0.00	1.46	0.00	0.0	<u>0</u>
	Pt Flush (I)	0.00	2.96	0.00	0.0	<u>0</u>
WC's (Multiple)	Volume (I)	4.00	4.42	0.00	17.6	<mark>8</mark>
Taps Exc. Kitchen	Flow Rate	5.00	1.58	1.58	9.4	<mark>8</mark>
Bath (shower present)	(l/s)	160.00	0.11	0.00	17.6	<u>0</u>
Shower (bath present)	(l/s)	8.00	4.37	0.00	34.9	<mark>6</mark>
Bath Only	(l)	0.00	0.50	0.00	0.0	<u>0</u>
Shower Only	(l/s)	0.00	5.60	0.00	0.0	<u>0</u>
Kitchen Taps	(l/s)	6.00	0.44	10.36	13.0	<u>0</u>
Washing Machines	(l/kgdry)	8.17	2.10	0.00	17.1	6 << Note - these may be default values.
Dishwashers	(l/place)	1.25	3.60	0.00	4.5	0 << You can change them by entering
Waste Disposal	(l/s)	0.00	3.08	0.00	0.0	Othe actual applicances in the
Water Softner	(l/s)	0.00	1.00	0.00	0.0	Oappropriate sections above
Total Calculated Water	Use (I/p/day)				114.3	<mark>8</mark>
Grey/RainWater Reused	(l)				0.0	<u>0</u>
Normalisation Factor	(Factor)				0.9	1
Total Consumption CS	H (I/p/day)				104.0	<mark>8</mark>
External Water Use Allow	vance (I)				5.0	<u>0</u>
Total Comsumption Pa	rt G (I/p/day)				109.0	8
Assesment Result					PASS	