Apartment Type Schedule — Block E

Flat Type	Occupancy	WC	Basin	Shower	Bath
FT29, FT30	1B1P	1	1	0	1
FT14, FT13, FT04	1B2P	1	1	0	1
FT25, FT23, FT21, FT19, FT17, FT12, FT02	2B3P	1	1	0	1
FT24, FT20, FT16, FT15, FT03	2B4P	2	2	1	1
FT18	2B4P	1	1	1	1

En-suite

Apartment Type Schedule — Block F

Flat Type	Occupancy	WC	Basin	Shower	Bath
FT28, FT31	1B1P	1	1	0	1
FT05, FT04	1B2P	1	1	0	1
FT27, FT25, FT22, FT19, FT18, FT12, FT02, F	2B3P	1	1	0	1
FT20, FT10, FT08, FT07, FT06, FT03	2B4P	2	2	1	1
FT26, FT11, FT09	3B5P	2	2	1	1

En-suite

Sink	WM	DW	Ex. Tap	No. Apartments
1	1	1	0	2
1	1	1	0	19
1	1	1	0	30
1	1	1	0	19
1	1	1	0	2
				72

Sink	WM	DW	Ex. Tap	No. Apartments
1	1	1	0	2
1	1	1	0	13
1	1	1	0	25
1	1	1	0	30
1	1	1	0	3
				73

Project Number: L230077

Project name: Free Wharf Phase 2 (Block E & F)

Dwelling Type: | Occupancy:

Building Regulations AD G2 - A1: Water Efficiency Calculator

			(1)	(2)	(3)	(4)
Installation Type	**Manufacturer/Model**	**Unit of Measure**	**Capacity/ Flow Rate**	**Use Factor**	**Fixed Use (litres/person/ day)**	**Litres/person/ day = [(1) x (2)] + (3)**
WC (single flush)	N/A	flush volume (litres)		4.42	0.00	0.00
		full flush volume (litres)	6.00	1.46	0.00	8.76
WC (dual flush)	As per Phase 1	part flush volume (litres)	4.00	2.96	0.00	11.84
WC (multiple fittings)	N/A	average effective flushing volume (litres)		4.42	0.00	0.00
Taps (excluding kitchen/utility room taps)	TBC	flow rate (litres/minute)	5.00	1.58	1.58	9.48
Bath (where shower also present)	TBC	capacity to overflow (litres)	170.00	0.11	0.00	18.70
Shower (where bath also present)	TBC	flow rate (litres/minute)	7.00	4.37	0.00	30.59
Bath only	N/A	capacity to overflow (litres)	0.00	0.50	0.00	0.00
Shower only	N/A	flow rate (litres/minute)		5.60	0.00	0.00
Kitchen/utility room sink taps	As per Phase 1	flow rate (litres/minute)	6.00	0.44	10.36	13.00
Washing machine	As per Phase 1	litres/kg dry load	8.17	2.10	0.00	17.16
Dishwasher	As per Phase 1	litres/place setting	1.25	3.60	0.00	4.50
Waste disposal	N/A	litres/use	0.00	3.08	0.00	0.00
Water softner	N/A	litres/person/day		1.00	0.00	0.00
		(5)	**Total calculated use = (Σ column 4)**			114.03
		(6)	Contribution from grey water (litres/person/day) from table 4.6			
		(7)	Contribution from rainwater (litres/person/day) from table 5.5			
		(8)	Normalisation factor			0.91
		(9)	Total water consumption = [(5) - (6) - (7)] x (8)			103.76
		(10)	External water use			5.00
		(11)	**Total water consumption = (9) + (10) (litres/person/day)**			108.76

Notes:
Flow restrictor applied to washbasin taps
Flow restrictor applied to showers
Flow restrictor applied to tap mixer in kitchens

Sanitary	**Flowrates**		**Source**
WC (Full flush volume)	6.00	litres	Part G - Table 2.1 Maximum Fittings Consumption
WC (Part flush volume)	4.00	litres	Part G - Table 2.1 Maximum Fittings Consumption
WHB	5.00	l/min	Part G - Table 2.2 Maximum fittings consumption - Optional requirement level
Bath (where shower also present)	170.00	litres	Part G - Table 2.2 Maximum fittings consumption - Optional requirement level
Shower (where bath also present)	7.00	l/min	Better than Part G Table 2.2 Maximum fittings consumption - Optional requirement level
Kitchen sink taps	6.00	l/min	Part G - Table 2.2 Maximum fittings consumption - Optional requirement level
Washing machine	8.17	l/kg	Part G - Table 2.1 Maximum Fittings Consumption
Dishwasher	1.25	litres/place setting	Part G - Table 2.1 Maximum Fittings Consumption

Project Number	L230077
Project name	Free Wharf Phase 2 (Block E & F)
Dwelling Type	Block E: FT29, FT30 Block F: FT28, FT31
Occupancy	1B1P

Building Regulations AD G2 - A1: Water Efficiency Calculator

			(1)	(2)	(3)	(4)	
Installation Type	**Manufacturer/Model**	**Unit of Measure**	**Capacity/ Flow Rate**	**Use Factor**	**Fixed Use (litres/person/ day)**	**Litres/person/ day = [(1) x (2)] + (3)**	As per Phase 1 Affordable Specification
WC (single flush)	N/A	flush volume (litres)		4.42	0.00	0.00	
WC (dual flush)	As per Phase 1	full flush volume (litres)	6.00	1.46	0.00	8.76	Ideal Standard Sandringham E896301 + E896701 + E131601 - 6/4dual flush
		part flush volume (litres)	4.00	2.96	0.00	11.84	
WC (multiple fittings)	N/A	average effective flushing volume (litres)		4.42	0.00	0.00	
Taps (excluding kitchen/utility room taps)	TBC	flow rate (litres/minute)	6.00	1.58	1.58	11.06	Ideal Standard Tempo B0728 - flow restricted to max 6(l)/min
Bath (where shower also present)	TBC	capacity to overflow (litres)	145.00	0.11	0.00	15.95	Ideal Standard Sandringham 170x70cm S183701 - 145(l) to overflow
Shower (where bath also present)	TBC	flow rate (litres/minute)	7.00	4.37	0.00	30.59	Ideal Standard A7206AA + Ideal Standard B9410AA - flow restricted to max 7(l)/min
Bath only	N/A	capacity to overflow (litres)	0.00	0.50	0.00	0.00	
Shower only	N/A	flow rate (litres/minute)		5.60	0.00	0.00	
Kitchen/utility room sink taps	As per Phase 1	flow rate (litres/minute)	7.00	0.44	10.36	13.44	Lamona Alvo tap (mixer) - flow restricted to max 7(l)/min
Washing machine	As per Phase 1	litres/kg dry load	6.57	2.10	0.00	13.80	Phase 1: Beko Freestanding 7kg / 5kg 1200RPM Washer Dryer (consumption 34/7 = 6.57(l)/kg))
Dishwasher	As per Phase 1	litres/place setting	1.25	3.60	0.00	4.50	
Waste disposal	N/A	litres/use	0.00	3.08	0.00	0.00	
Water softner	N/A	litres/person/day		1.00	0.00	0.00	
		(5)	**Total calculated use = (Σ column 4)**			109.94	
		(6)	Contribution from grey water (litres/person/day) from table 4.6				
		(7)	Contribution from rainwater (litres/person/day) from table 5.5				
		(8)	Normalisation factor			0.91	
		(9)	Total water consumption = [(5) - (6) - (7)] x (8)			100.04	
		(10)	External water use			5.00	
		(11)	**Total water consumption = (9) + (10) (litres/person/day)**			105.04	

Notes:
Flow restrictor applied to washbasin taps
Flow restrictor applied to showers
Flow restrictor applied to tap mixer in kitchens

Sanitary	**Flowrates**		**Source**	As per Phase 1 Affordable Specification
WC (Full flush volume)	6.00	litres	As per phase 1	Ideal Standard Sandringham E896301 + E896701 + E131601 - 6/4dual flush
WC (Part flush volume)	4.00	litres	As per phase 1	
WHB	6.00	l/min	As per phase 1	Ideal Standard Tempo B0728 - flow restricted to max 6(l)/min
Bath (where shower also present)	145.00	litres	As per phase 1	Ideal Standard Sandringham 170x70cm S183701 - 145(l) to overflow
Shower (where bath also present)	7.00	l/min	As per phase 1	Ideal Standard A7206AA + Ideal Standard B9410AA - flow restricted to max 7(l)/min
Kitchen sink taps	7.00	l/min	As per phase 1	Lamona Alvo tap (mixer) - flow restricted to max 7(l)/min
Washing machine	6.57	l/kg	As per phase 1	Beko Freestanding 7kg / 5kg 1200RPM Washer Dryer (consumption 34/7 = 6.57(l)/kg))
Dishwasher	1.25	litres/place setting	Part G - Table 2.1	Maximum Fittings Consumption

Project Number	L230077
Project name	Free Wharf Phase 2 (Block E & F)
Dwelling Type	Block E: FT14, FT13, FT04 Block F: FT05, FT04
Occupancy	1B2P

Building Regulations AD G2 - A1: Water Efficiency Calculator

			(1)	(2)	(3)	(4)	
Installation Type	**Manufacturer/Model**	**Unit of Measure**	**Capacity/ Flow Rate**	**Use Factor**	**Fixed Use (litres/person/ day)**	**Litres/person/ day = [(1) x (2)] + (3)**	As per Phase 1 Affordable Specification
WC (single flush)	N/A	flush volume (litres)		4.42	0.00	0.00	
		full flush volume (litres)	6.00	1.46	0.00	8.76	Ideal Standard Sandringham E896301 + E896701 + E131601 - 6/4dual flush
WC (dual flush)	As per Phase 1	part flush volume (litres)	4.00	2.96	0.00	11.84	
WC (multiple fittings)	N/A	average effective flushing volume (litres)		4.42	0.00	0.00	
Taps (excluding kitchen/utility room taps)	TBC	flow rate (litres/minute)	6.00	1.58	1.58	11.06	Ideal Standard Tempo B0728 - flow restricted to max 6(l)/min
Bath (where shower also present)	TBC	capacity to overflow (litres)	145.00	0.11	0.00	15.95	Ideal Standard Sandringham 170x70cm S183701 - 145(l) to overflow
Shower (where bath also present)	TBC	flow rate (litres/minute)	7.00	4.37	0.00	30.59	Ideal Standard A7206AA + Ideal Standard B9410AA - flow restricted to max 7(l)/min
Bath only	N/A	capacity to overflow (litres)	0.00	0.50	0.00	0.00	
Shower only	N/A	flow rate (litres/minute)		5.60	0.00	0.00	
Kitchen/utility room sink taps	As per Phase 1	flow rate (litres/minute)	7.00	0.44	10.36	13.44	Lamona Alvo tap (mixer) - flow restricted to max 7(l)/min
Washing machine	As per Phase 1	litres/kg dry load	6.57	2.10	0.00	13.80	Phase 1: Beko Freestanding 7kg / 5kg 1200RPM Washer Dryer (consumption 34/7 = 6.57(l)/kg))
Dishwasher	As per Phase 1	litres/place setting	1.25	3.60	0.00	4.50	
Waste disposal	N/A	litres/use	0.00	3.08	0.00	0.00	
Water softner	N/A	litres/person/day		1.00	0.00	0.00	
		(5)	**Total calculated use = (Σ column 4)**			109.94	
		(6)	Contribution from grey water (litres/person/day) from table 4.6				
		(7)	Contribution from rainwater (litres/person/day) from table 5.5				
		(8)	Normalisation factor			0.91	
		(9)	Total water consumption = [(5) - (6) - (7)] x (8)			100.04	
		(10)	External water use			5.00	
		(11)	**Total water consumption = (9) + (10) (litres/person/day)**			105.04	

Notes:
Flow restrictor applied to washbasin taps
Flow restrictor applied to showers
Flow restrictor applied to tap mixer in kitchens

Sanitary	**Flowrates**		**Source**	As per Phase 1 Affordable Specification
WC (Full flush volume)	6.00	litres	As per phase 1	Ideal Standard Sandringham E896301 + E896701 + E131601 - 6/4dual flush
WC (Part flush volume)	4.00	litres	As per phase 1	
WHB	6.00	l/min	As per phase 1	Ideal Standard Tempo B0728 - flow restricted to max 6(l)/min
Bath (where shower also present)	145.00	litres	As per phase 1	Ideal Standard Sandringham 170x70cm S183701 - 145(l) to overflow
Shower (where bath also present)	7.00	l/min	As per phase 1	Ideal Standard A7206AA + Ideal Standard B9410AA - flow restricted to max 7(l)/min
Kitchen sink taps	7.00	l/min	As per phase 1	Lamona Alvo tap (mixer) - flow restricted to max 7(l)/min
Washing machine	6.57	l/kg	As per phase 1	Beko Freestanding 7kg / 5kg 1200RPM Washer Dryer (consumption 34/7 = 6.57(l)/kg))
Dishwasher	1.25	litres/place setting	Part G - Table 2.1	Maximum Fittings Consumption

Project Number	L230077
Project name	Free Wharf Phase 2 (Blocks E & F)
Dwelling Type	Block E: FT25, FT23, FT21, FT19, FT17, FT12, FT02 Block F: FT27, FT25, FT22, FT19, FT18, FT12, FT02, FT01
Occupancy	1B2P

Building Regulations AD G2 - A1: Water Efficiency Calculator

			(1)	(2)	(3)	(4)	
Installation Type	**Manufacturer/Model**	**Unit of Measure**	**Capacity/ Flow Rate**	**Use Factor**	**Fixed Use (litres/person/ day)**	**Litres/person/ day = [(1) x (2)] + (3)**	As per Phase 1 Affordable Specification
WC (single flush)	N/A	flush volume (litres)		4.42	0.00	0.00	
		full flush volume (litres)	6.00	1.46	0.00	8.76	Ideal Standard Sandringham E896301 + E896701 + E131601 - 6/4dual flush
WC (dual flush)	As per Phase 1	part flush volume (litres)	4.00	2.96	0.00	11.84	
WC (multiple fittings)	N/A	average effective flushing volume (litres)		4.42	0.00	0.00	
Taps (excluding kitchen/utility room taps)	TBC	flow rate (litres/minute)	6.00	1.58	1.58	11.06	Ideal Standard Tempo B0728 - flow restricted to max 6(l)/min
Bath (where shower also present)	TBC	capacity to overflow (litres)	145.00	0.11	0.00	15.95	Ideal Standard Sandringham 170x70cm S183701 - 145(l) to overflow
Shower (where bath also present)	TBC	flow rate (litres/minute)	7.00	4.37	0.00	30.59	Ideal Standard A7206AA + Ideal Standard B9410AA - flow restricted to max 7(l)/min
Bath only	N/A	capacity to overflow (litres)	0.00	0.50	0.00	0.00	
Shower only	N/A	flow rate (litres/minute)		5.60	0.00	0.00	
Kitchen/utility room sink taps	As per Phase 1	flow rate (litres/minute)	7.00	0.44	10.36	13.44	Lamona Alvo tap (mixer) - flow restricted to max 7(l)/min
Washing machine	As per Phase 1	litres/kg dry load	6.57	2.10	0.00	13.80	Phase 1: Beko Freestanding 7kg / 5kg 1200RPM Washer Dryer (consumption 34/7 = 6.57(l)/kg))
Dishwasher	As per Phase 1	litres/place setting	1.25	3.60	0.00	4.50	
Waste disposal	N/A	litres/use	0.00	3.08	0.00	0.00	
Water softner	N/A	litres/person/day		1.00	0.00	0.00	
		(5)	**Total calculated use = (Σ column 4)**			109.94	
		(6)	Contribution from grey water (litres/person/day) from table 4.6				
		(7)	Contribution from rainwater (litres/person/day) from table 5.5				
		(8)	Normalisation factor			0.91	
		(9)	Total water consumption = [(5) - (6) - (7)] x (8)			100.04	
		(10)	External water use			5.00	
		(11)	**Total water consumption = (9) + (10) (litres/person/day)**			105.04	

Notes:
Flow restrictor applied to washbasin taps
Flow restrictor applied to showers
Flow restrictor applied to tap mixer in kitchens

Sanitary	**Flowrates**		**Source**	As per Phase 1 Affordable Specification
WC (Full flush volume)	6.00	litres	As per phase 1	Ideal Standard Sandringham E896301 + E896701 + E131601 - 6/4dual flush
WC (Part flush volume)	4.00	litres	As per phase 1	
WHB	6.00	l/min	As per phase 1	Ideal Standard Tempo B0728 - flow restricted to max 6(l)/min
Bath (where shower also present)	145.00	litres	As per phase 1	Ideal Standard Sandringham 170x70cm S183701 - 145(l) to overflow
Shower (where bath also present)	7.00	l/min	As per phase 1	Ideal Standard A7206AA + Ideal Standard B9410AA - flow restricted to max 7(l)/min
Kitchen sink taps	7.00	l/min	As per phase 1	Lamona Alvo tap (mixer) - flow restricted to max 7(l)/min
Washing machine	6.57	l/kg	As per phase 1	Beko Freestanding 7kg / 5kg 1200RPM Washer Dryer (consumption 34/7 = 6.57(l)/kg))
Dishwasher	1.25	litres/place setting	Part G - Table 2.1	Maximum Fittings Consumption

Project Number	L230077
Project name	Free Wharf Phase 2 (Blocks E & F)
Dwelling Type	Block E: FT24, FT20, FT16, FT15, FT03 (En-suite). FT18 Block F: FT20, FT10, FT08, FT07, FT06, FT03 (En-suite)
Occupancy	2B4P

Building Regulations AD G2 - A1: Water Efficiency Calculator

			(1)	(2)	(3)	(4)	
Installation Type	**Manufacturer/Model**	**Unit of Measure**	**Capacity/ Flow Rate**	**Use Factor**	**Fixed Use (litres/person/ day)**	**Litres/person/ day = [(1) x (2)] + (3)**	As per Phase 1 Affordable Specification
WC (single flush)	N/A	flush volume (litres)		4.42	0.00	0.00	
		full flush volume (litres)	6.00	1.46	0.00	8.76	Ideal Standard Sandringham E896301 + E896701 + E131601 - 6/4dual flush
WC (dual flush)	As per Phase 1	part flush volume (litres)	4.00	2.96	0.00	11.84	
WC (multiple fittings)	N/A	average effective flushing volume (litres)		4.42	0.00	0.00	
Taps (excluding kitchen/utility room taps)	TBC	flow rate (litres/minute)	6.00	1.58	1.58	11.06	Ideal Standard Tempo B0728 - flow restricted to max 6(l)/min
Bath (where shower also present)	TBC	capacity to overflow (litres)	145.00	0.11	0.00	15.95	Ideal Standard Sandringham 170x70cm S183701 - 145(l) to overflow
Shower (where bath also present)	TBC	flow rate (litres/minute)	7.00	4.37	0.00	30.59	Ideal Standard A7206AA + Ideal Standard B9410AA - flow restricted to max 7(l)/min
Bath only	N/A	capacity to overflow (litres)	0.00	0.50	0.00	0.00	
Shower only	N/A	flow rate (litres/minute)		5.60	0.00	0.00	
Kitchen/utility room sink taps	As per Phase 1	flow rate (litres/minute)	7.00	0.44	10.36	13.44	Lamona Alvo tap (mixer) - flow restricted to max 7(l)/min
Washing machine	As per Phase 1	litres/kg dry load	6.57	2.10	0.00	13.80	Phase 1: Beko Freestanding 7kg / 5kg 1200RPM Washer Dryer (consumption 34/7 = 6.57(l)/kg))
Dishwasher	As per Phase 1	litres/place setting	1.25	3.60	0.00	4.50	
Waste disposal	N/A	litres/use	0.00	3.08	0.00	0.00	
Water softner	N/A	litres/person/day		1.00	0.00	0.00	
		(5)	**Total calculated use = (Σ column 4)**			109.94	
		(6)	Contribution from grey water (litres/person/day) from table 4.6				
		(7)	Contribution from rainwater (litres/person/day) from table 5.5				
		(8)	Normalisation factor			0.91	
		(9)	Total water consumption = [(5) - (6) - (7)] x (8)			100.04	
		(10)	External water use			5.00	
		(11)	**Total water consumption = (9) + (10) (litres/person/day)**			105.04	

Notes:
Flow restrictor applied to washbasin taps
Flow restrictor applied to showers
Flow restrictor applied to tap mixer in kitchens

Sanitary	**Flowrates**		**Source**	As per Phase 1 Affordable Specification
WC (Full flush volume)	6.00	litres	As per phase 1	Ideal Standard Sandringham E896301 + E896701 + E131601 - 6/4dual flush
WC (Part flush volume)	4.00	litres	As per phase 1	
WHB	6.00	l/min	As per phase 1	Ideal Standard Tempo B0728 - flow restricted to max 6(l)/min
Bath (where shower also present)	145.00	litres	As per phase 1	Ideal Standard Sandringham 170x70cm S183701 - 145(l) to overflow
Shower (where bath also present)	7.00	l/min	As per phase 1	Ideal Standard A7206AA + Ideal Standard B9410AA - flow restricted to max 7(l)/min
Kitchen sink taps	7.00	l/min	As per phase 1	Lamona Alvo tap (mixer) - flow restricted to max 7(l)/min
Washing machine	6.57	l/kg	As per phase 1	Beko Freestanding 7kg / 5kg 1200RPM Washer Dryer (consumption 34/7 = 6.57(l)/kg))
Dishwasher	1.25	litres/place setting	Part G - Table 2.1	Maximum Fittings Consumption

Project Number	L230077
Project name	Free Wharf Phase 2 (Blocks F)
Dwelling Type	Block F: FT26, FT11, FT09
Occupancy	2B4P

Building Regulations AD G2 - A1: Water Efficiency Calculator

			(1)	(2)	(3)	(4)	
Installation Type	**Manufacturer/Model**	**Unit of Measure**	**Capacity/ Flow Rate**	**Use Factor**	**Fixed Use (litres/person/ day)**	**Litres/person/ day = [(1) x (2)] + (3)**	As per Phase 1 Affordable Specification
WC (single flush)	N/A	flush volume (litres)		4.42	0.00	0.00	
		full flush volume (litres)	6.00	1.46	0.00	8.76	Ideal Standard Sandringham E896301 + E896701 + E131601 - 6/4dual flush
WC (dual flush)	As per Phase 1	part flush volume (litres)	4.00	2.96	0.00	11.84	
WC (multiple fittings)	N/A	average effective flushing volume (litres)		4.42	0.00	0.00	
Taps (excluding kitchen/utility room taps)	TBC	flow rate (litres/minute)	6.00	1.58	1.58	11.06	Ideal Standard Tempo B0728 - flow restricted to max 6(l)/min
Bath (where shower also present)	TBC	capacity to overflow (litres)	145.00	0.11	0.00	15.95	Ideal Standard Sandringham 170x70cm S183701 - 145(l) to overflow
Shower (where bath also present)	TBC	flow rate (litres/minute)	7.00	4.37	0.00	30.59	Ideal Standard A7206AA + Ideal Standard B9410AA - flow restricted to max 7(l)/min
Bath only	N/A	capacity to overflow (litres)	0.00	0.50	0.00	0.00	
Shower only	N/A	flow rate (litres/minute)		5.60	0.00	0.00	
Kitchen/utility room sink taps	As per Phase 1	flow rate (litres/minute)	7.00	0.44	10.36	13.44	Lamona Alvo tap (mixer) - flow restricted to max 7(l)/min
Washing machine	As per Phase 1	litres/kg dry load	6.57	2.10	0.00	13.80	Phase 1: Beko Freestanding 7kg / 5kg 1200RPM Washer Dryer (consumption 34/7 = 6.57(l)/kg))
Dishwasher	As per Phase 1	litres/place setting	1.25	3.60	0.00	4.50	
Waste disposal	N/A	litres/use	0.00	3.08	0.00	0.00	
Water softner	N/A	litres/person/day		1.00	0.00	0.00	
		(5)	**Total calculated use = (Σ column 4)**			109.94	
		(6)	Contribution from grey water (litres/person/day) from table 4.6				
		(7)	Contribution from rainwater (litres/person/day) from table 5.5				
		(8)	Normalisation factor			0.91	
		(9)	Total water consumption = [(5) - (6) - (7)] x (8)			100.04	
		(10)	External water use			5.00	
		(11)	**Total water consumption = (9) + (10) (litres/person/day)**			105.04	

Notes:
Flow restrictor applied to washbasin taps
Flow restrictor applied to showers
Flow restrictor applied to tap mixer in kitchens

Sanitary	**Flowrates**		**Source**	As per Phase 1 Affordable Specification
WC (Full flush volume)	6.00	litres	As per phase 1	Ideal Standard Sandringham E896301 + E896701 + E131601 - 6/4dual flush
WC (Part flush volume)	4.00	litres	As per phase 1	
WHB	6.00	l/min	As per phase 1	Ideal Standard Tempo B0728 - flow restricted to max 6(l)/min
Bath (where shower also present)	145.00	litres	As per phase 1	Ideal Standard Sandringham 170x70cm S183701 - 145(l) to overflow
Shower (where bath also present)	7.00	l/min	As per phase 1	Ideal Standard A7206AA + Ideal Standard B9410AA - flow restricted to max 7(l)/min
Kitchen sink taps	7.00	l/min	As per phase 1	Lamona Alvo tap (mixer) - flow restricted to max 7(l)/min
Washing machine	6.57	l/kg	As per phase 1	Beko Freestanding 7kg / 5kg 1200RPM Washer Dryer (consumption 34/7 = 6.57(l)/kg))
Dishwasher	1.25	litres/place setting	Part G - Table 2.1	Maximum Fittings Consumption

Source: Approved Document Part G

Fittings Approach - Standard Requirement

Table 2.1 **Maximum fittings consumption**

Water fitting	Maximum consumption
WC	6/4 litres dual flush or 4.5 litres single flush
Shower	10 l/min
Bath	185 litres
Basin taps	6 l/min
Sink taps	8 l/min
Dishwasher	1.25 l/place setting
Washing machine	8.17 l/kilogram

2.7 Where the fittings approach is used, the notice given under regulation 37 should state "Less than 125 litres/person/day using fittings approach".

Fittings App

2.12
notice
"Less
approa

Table

Water
WC
Showe
Bath
Basin t
Sink ta
Dishwa
Washin

proach - Optional Requirement

Where the fittings approach is used, the given under regulation 37 should state than 110 litres/person/day using fittings ach".

e 2.2 Maximum fittings consumption optional requirement level

fitting	Maximum consumption
	4/2.6 litres dual flush
r	8 l/min
	170 litres
taps	5 l/min
ps	6 l/min
asher	1.25 l/place setting
g machine	8.17 l/kilogram

Table A1: **The water**

Installation type
WC (single flush)
WC (dual flush)
WCs (multiple fittings)
Taps (excluding kitchen/utility ro
Bath (where shower also prese
Shower (where bath also prese
Bath only
Shower only
Kitchen/utility room sink taps
Washing machine
Dishwasher
Waste disposal unit
Water softener

efficiency calculator

		(1)	(2)	(3)	(4)
	Unit of measure	**Capacity/ flow rate**	**Use factor**	**Fixed use (litres/ person/ day)**	**Litres/ person/day = [(1) × (2)] + (3)**
	Flush volume (litres)		4.42	0.00	
	Full flush volume (litres)		1.46	0.00	
	Part flush volume (litres)		2.96	0.00	
	Average effective flushing volume (litres)		4.42	0.00	
om taps)	Flow rate (litres/minute)		1.58	1.58	
nt)	Capacity to overflow (litres)		0.11	0.00	
nt)	Flow rate (litres/minute)		4.37	0.00	
	Capacity to overflow (litres)		0.50	0.00	
	Flow rate (litres/minute)		5.60	0.00	
	Flow rate (litres/minute)		0.44	10.36	
	Litres/kg dry load		2.1	0.00	
	Litres/place setting		3.6	0.00	
	Litres/use	If present = 1 If absent = 0	3.08	0.00	
	Litres/person/day		1.00	0.00	
	(5)	**Total calculated use = (Sum column 4)**			
	(6)	Contribution from greywater (litres/person/day) from Table 4.6			
	(7)	Contribution from rainwater (litres/person/day) from Table 5.5			
	(8)	Normalisation factor			0.91
	(9)	Total water consumption = [(5) – (6) – (7)] × (8)			
	(10)	External water use			5.0
	(11)	**Total water consumption = (9) + (10) (litres/person/day)**			