

APPENDIX A:
Part G Water Calculator & Internal Water Use Specification Sheet

THE WATER CALCULATOR FOR NEW DWELLINGS
Part G Reduced Internal Water Use Compliance 105 l/p/d
(Excluding Rainwater & Greywater Systems)

 DAVID WILSON HOMES WHERE QUALITY LIVES				 BARRATT HOMES			
Part G Compliance 105 l/p/d							
DWH - Ideal Standard				Barratt - Twyford			
A1		A2 & A3		President		Ambassador & Embassy	
Capacity/ Flow rate	litres/pers on/day (l/p/d)	Capacity/ Flow rate	litres/pers on/day (l/p/d)	Capacity/ Flow rate	litres/pers on/day (l/p/d)	Capacity/ Flow rate	litres/pers on/day (l/p/d)
4	5.84	4	5.84	4	5.84	4	5.84
2.6	7.70	2.6	7.70	2.6	7.70	2.6	7.70
5	9.48	5	9.48	5	9.48	5	9.48
139	15.29	139	15.29	140	15.40	140	15.40
8	34.96	8	34.96	8	34.96	8	34.96
8	13.88	8	13.88	8	13.88	8	13.88
	17.16		17.16		17.16		17.16
	4.5		4.5		4.5		4.5
	0		0		0		0
	0		0		0		0
)	108.8		108.8		108.9		108.9
r	0.91		0.91		0.91		0.91
n	99.0		99.0		99.1		99.1
e	5		5		5		5
n	104.0		104.0		104.1		104.1

Notes:

- All flow rates may vary in use due to the temperature or pressure of the incoming water supply

Internal Water Use Specification

NOTE: Please read in conjunction with the DWH and Barratt Base Finishing Specification Matrix and Pictorial Specification. Where applicable all specifications below should be restricted to the required flow rate as stated within the relevant Part G Water Calculator.

Water Efficiency Configurations:

Barratt President

WC's: Geberit Selnova Cistern WC with **4/2.6l** dual flush
Bath: Twyford Bespoke 1700 x 700 Low Capacity Double Ended Bath **140l**
Shower: Thermostatic: Aqualisa Midas, restricted to **8l per minute**
Basin Taps: Any Group Barratt President spec fitting, restricted to **5l per minute**
Kitchen Tap: Any Group Barratt President spec fitting, restricted to **8l per minute**

Barratt Ambassador/Embassy

WC's: Geberit Selnova Cistern WC with **4/2.6l** dual flush
Bath: Twyford Bespoke 1700 x 700 Low Capacity Bath **140l**
Shower: Thermostatic: Aqualisa Midas, restricted to **8l per minute**
Basin Taps: Any Group Barratt Ambassador/Embassy spec fitting, restricted to **5l per minute**
Kitchen Tap: Any Group Barratt Ambassador/Embassy spec fitting, restricted to **8l per minute**

DWH A1

WC's: Ideal Mavone Cistern WC with **4/2.6l** dual flush.
Bath: Idealform Tesi 1700 x 700mm Water Saving Double Ended Bath **139l**
Shower: Thermostatic: Aqualisa Midas, restricted to **8l per minute**
Basin Taps: Any Group DWH A1 spec fitting, restricted to **5l per minute**
Kitchen Tap: Any Group DWH A1 spec fitting, restricted to **8l per minute**

DWH A2/A3

WC's: Ideal Mavone Cistern WC with **4/2.6l** dual flush.
Bath: Idealform Lato 1700 x 700mm Water Saving Bath **139l**
Shower: Thermostatic: Aqualisa Midas, restricted to **8l per minute**
Basin Taps: Any Group DWH A2/A3 spec fitting, restricted to **5l per minute**
Kitchen Tap: Any Group DWH A2/A3 spec fitting, restricted to **8l per minute**

****Assumptions****

- *No rainwater harvesting*
- *Bath and shower provided*
- *Washing Machine not provided (Default value assumed)*
- *Dishwasher not provided (Default value assumed)*
- *Water Softener not required*

*****If any of these assumptions are not correct on a site Divisions would have to consult Group Design & Technical for additional calculations*****