Project Reference

Project Reference	EWC-2652	Author	Simon Rickards
Plot Reference	EWC-2652-7809-1		

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Company

Company Name	Paper Architecture	Company Address	71-75 Shelton Street, London, WC2H 9JQ

Site / Plot Information

Plot Name/Number	1
Plot Type	Plot 1
Site Address	Cox Green, Rudgwick, West Sussex, RH12 3DD

Notice of Water Efficiency

Building Regulation Applies 36 (2) (a) applies. By following the Government's methodology for assessing water efficiency as set out in "Approved Document G 2015" the potential consumption of wholesome water per person per day

PASS

106.3 Litres Per Person Per Day

Target: 110 Litres Per Person Per Day

Project Reference

Project Reference	EWC-2652	Author	Simon Rickards
Plot Reference	EWC-2652-7810-3		

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Company

Company Name	Paper Architecture	Company Address	71-75 Shelton Street, London, WC2H 9JQ

Site / Plot Information

Plot Name/Number	3
Plot Type	Plot 3
Site Address	Cox Green, Rudgwick, West Sussex, RH12 3DD

Notice of Water Efficiency

Building Regulation Applies 36 (2) (a) applies. By following the Government's methodology for assessing water efficiency as set out in "Approved Document G 2015" the potential consumption of wholesome water per person per day

PASS

81.2 Litres Per Person Per Day

Target: 110 Litres Per Person Per Day

Summary of Calculations

Plot 1

Reference Number	EWC-2652-7809
Site Address	Cox Green, Rudgwick , RH12 3DD
Prepared On	13-05-2024
Plot Numbers	1

By following the Government's national calculation methodology for assessing water efficiency in new dwellings this 4 bed dwelling, as built, achieves a water consumption of 106.3 litres per person per day.

TOILETS

Dual Flush Toilets

Type	Flow FULL	Flow PART
Dual Flush Toilet 1	4.00	2.60
Dual Flush Toilet 2	4.00	2.60
Dual Flush Toilet 3	4.00	2.60
Dual Flush Toilet 4	4.00	2.60

WCs Litres/Person/Day : 13.53

BATHROOM

Bathroom Taps/Sinks

Type	Flow Rate
Wash Hand Basin 1	5.00
Wash Hand Basin 2	5.00
Wash Hand Basin 3	5.00
Wash Hand Basin 4	5.00

Bathroom Taps Litres/Person/Day : 9.48

Baths

Type	Litres to Overflow
Bath 1	170.00

Baths Litres/Person/Day : 18.70

Showers

Type	Flow Rate
Shower 1	8.00
Shower 2	8.00
Shower 3	8.00

Showers Litres/Person/Day : 34.96

Kitchen & Utility

Utility/Kitchen Sinks

Type	Flow Rate
Kitchen/Utility Sink 1	6.00
Kitchen/Utility Sink 2	6.00

Kitchen & Utility Taps Litres/Person/Day : 13.00

Appliances

Washing Machines

Type	Litres Per Kilogram
Washing Machine 1	8.17

Washing Machines Litres/Person/Day : 17.16

Dishwashers

Type	Litres Per Place Setting
Dishwasher 1	1.25

Dishwashers Litres/Person/Day : 4.50

Final Calculations

Water Usage (Litres/Person)	111.33
Greywater/Rainwater Reused	0.00
Normalised Factor	0.91
Total Consumption	101.31

External Water Use Allowance	5.00
Total Consumption Part G (Litres/Person/Day)	**106.3**

Plot 3

Reference Number	EWC-2652-7810
Site Address	Cox Green, Rudgwick , RH12 3DD
Prepared On	13-05-2024
Plot Numbers	3

By following the Government's national calculation methodology for assessing water efficiency in new dwellings this 4 bed dwelling, as built, achieves a water consumption of 81.2 litres per person per day.

TOILETS

Dual Flush Toilets

Type	Flow FULL	Flow PART
Dual Flush Toilet 1	4.00	2.60
Dual Flush Toilet 2	4.00	2.60
Dual Flush Toilet 3	4.00	2.60
Dual Flush Toilet 4	4.00	2.60

WCs Litres/Person/Day : 13.53

BATHROOM

Bathroom Taps/Sinks

Type	Flow Rate
Wash Hand Basin 1	5.00
Wash Hand Basin 2	5.00
Wash Hand Basin 3	5.00
Wash Hand Basin 4	5.00

Bathroom Taps Litres/Person/Day : 9.48

Baths

Type	Litres to Overflow
Bath 1	170.00

Baths Litres/Person/Day : 18.70

Showers

Type	Flow Rate
Shower 1	8.00
Shower 2	8.00
Shower 3	8.00

Showers Litres/Person/Day : 34.96

Kitchen & Utility

Utility/Kitchen Sinks

Type	Flow Rate
Kitchen/Utility Sink 1	6.00
Kitchen/Utility Sink 2	6.00

Kitchen & Utility Taps Litres/Person/Day : 13.00

Appliances

Washing Machines

Type	Litres Per Kilogram
Washing Machine 1	8.17

Washing Machines Litres/Person/Day : 17.16

Dishwashers

Type	Litres Per Place Setting
Dishwasher 1	1.25

Dishwashers Litres/Person/Day : 4.50

Final Calculations

Water Usage (Litres/Person)	111.33
Greywater/Rainwater Reused	27.60
Normalised Factor	0.91
Total Consumption	76.19
External Water Use Allowance	5.00
Total Consumption Part G (Litres/Person/Day)	**81.2**