

Part G Compliance Report

PROJECT DETAILS

Project Reference: TJ3401G
Client: Gilbert Homes
Property: 59 Ham Street
Richmond
TW10 7HR

Local Authority: London Borough of Richmond
Agent: Ascot Design

Assessor:
Address:
Contact:
Software: G-Calc 2015 version 3.0.1
Prepared on: 03-Nov-15

RESULT SUMMARY

By following the Government's national calculation methodology for assessing water efficiency in new dwellings this 3 bed dwelling, as designed, achieves a water consumption of 109.8 litres per person per day.

Compliance with Building Regulation 36(1) has been demonstrated.

Table 1: The Water Calculator for New Dwellings

| Installation Type | Unit of measure | Value | Use factor | Fixed use | litres/person/day |
|---|---------------------------------------|-------|------------|-----------|-------------------|
| WC(single flush) | Flush volume (litres) | | 4.42 | 0.00 | 0 |
| WC(dual flush) | Full flush vol. | 6 | 1.46 | 0.00 | 8.76 |
| | Part flush vol. | 3 | 2.96 | 0.00 | 8.88 |
| WC(multiple fittings) | Average effective Flush vol. (litres) | | 4.42 | 0.00 | 0 |
| Taps(excl. Kitchen) | Flow rate (litres/min) | 6 | 1.58 | 1.58 | 11.06 |
| Bath (shower also present) | Capacity to overflow (litres) | 175 | 0.11 | 0.00 | 19.25 |
| Shower (bath also present) | Flow rate (litres/min) | 8 | 4.37 | 0.00 | 34.96 |
| Bath only | Capacity to overflow (litres) | | 0.50 | 0.00 | 0 |
| Shower only | Flow rate (litres/minute) | | 5.6 | 0.00 | 0 |
| Kitchen sink taps | Flow rate (litres/minute) | 6 | 0.44 | 10.36 | 13 |
| Washing Machine | litres/kg dry load | 7.3 | 2.1 | 0.0 | 15.33 |
| Dishwasher | litres/place setting | 1.1 | 3.6 | 0.0 | 3.96 |
| Waste disposal | litres/use | 0 | 3.08 | 0.0 | 0 |
| Water softener | litres/person/day | 0 | 1.0 | 0.0 | 0 |
| Total calculated use (litres/person/day) | | | | | 115.2 |
| Contribution from greywater (litres/person/day) | | | | | - |
| Contribution from rainwater (litres/person/day) | | | | | - |
| Normalisation factor | | | | | 0.91 |
| Total Water Consumption. Code for Sustainable Homes (litres/person/day) | | | | | 104.8 |
| External water use | | | | | 5.0 |
| Total Water Consumption. (36(1)) (litres/person/day) | | | | | 109.8 |

| Summary of fitting types "As Designed" | | | |
|---|-----------------|--------------------------|-----|
| Type | Description | Flow rates, volumes etc. | Qty |
| Taps | Taps | 6 litres/min | 1 |
| Baths | Baths | 175 litres to overflow | 1 |
| Dishwashers | Dishwasher | 1.1 litres/place | 1 |
| Washing Machines | Washing Machine | 7.3 litres/kg | 1 |
| Showers | Showers | 8 litres/min | 1 |
| WC's | Dual Flush WC | 6 / 3 litres flush vols. | 1 |
| Kitchen/Utility taps | Taps | 6 litres/min | 1 |

The lower section of this table is to be filled in by the builder prior to completion. The descriptions, values and quantities should represent the 'as built' specification. Please note the values above represent design values and should not be exceeded without prior consultation with the agent/designer (Ascot Design).
The completed table should be returned to the assessor: the agent/designer.

| Declaration of fitting types "As Built" | | | |
|--|----------------|--------------------------|-----|
| Type | Make and Model | Flow rates, volumes etc. | Qty |
| Taps | | | |
| Baths | | | |
| Dishwashers | | | |
| Washing Machines | | | |
| Showers | | | |
| WC's | | | |
| Kitchen/Utility taps | | | |

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The above declaration of fittings, values and quantities is a true reflection of those installed on this project.

Name: Signature: Date:

-----End of Report-----