

| Installation Type                                 | Unit of Measure                            | Capacity/Flow rate<br>(1)                                  | Use Factor<br>(2) | Fixed use<br>(litres/person/day)<br>(3) | Litres/person/day<br>= [(1)x(2)] + (3)<br>(4) |
|---------------------------------------------------|--------------------------------------------|------------------------------------------------------------|-------------------|-----------------------------------------|-----------------------------------------------|
| <b>WC</b> (single flush)                          | Flush Volume (litres)                      |                                                            | 4.42              | 0.00                                    | 0                                             |
| <b>WC</b> (dual flush)                            | Full flush Volume (litres)                 |                                                            | 1.46              | 0.00                                    | 0                                             |
|                                                   | Part flush Volume (litres)                 |                                                            | 2.96              | 0.00                                    | 0                                             |
| <b>WC</b> (multiple fittings)                     | Average effective flushing Volume (litres) | 3.06                                                       | 4.42              | 0.00                                    | 13.53                                         |
| <b>Taps</b> (excluding kitchen/utility room taps) | Flow rate (litres/min)                     | 8.16                                                       | 1.58              | 1.58                                    | 14.47                                         |
| <b>Bath</b> (where shower also present)           | Capacity to overflow(litres)               | 95.00                                                      | 0.11              | 0.00                                    | 10.45                                         |
| <b>Shower</b> (where bath also present)           | Flow Rate(litres / minute)                 | 9.94                                                       | 4.37              | 0.00                                    | 43.44                                         |
| <b>Bath Only</b>                                  | Capacity to overflow(litres)               |                                                            | 0.50              | 0.00                                    | 0                                             |
| <b>Shower Only</b>                                | Flow Rate (litres/minute)                  |                                                            | 5.60              | 0.00                                    | 0                                             |
| <b>Kitchen/Utility room sink taps</b>             | Flow rate (litres/minute)                  | 5.06                                                       | 0.44              | 10.36                                   | 12.59                                         |
| <b>Washing Machine</b>                            | (Litres/kg dry load)                       | 5.55                                                       | 2.1               | 0.00                                    | 11.66                                         |
| <b>Dishwasher</b>                                 | (Litres/place setting)                     | 0.69                                                       | 3.6               | 0.00                                    | 2.48                                          |
| <b>Waste disposal unit</b>                        | (Litres/use)                               | <input type="checkbox"/> Present                           | 3.08              | 0.00                                    | 0                                             |
| <b>Water Softener</b>                             | (Litres/person/day)                        | 0.20                                                       | 1.00              | 0.00                                    | 0.20                                          |
|                                                   | (5)                                        | Total Calculated use (litres/person/day)<br>=SUM(column 4) |                   |                                         | 108.82                                        |

|  |      |                                                                                    |       |
|--|------|------------------------------------------------------------------------------------|-------|
|  | (6)  | Contribution from greywater (litres/person/day)                                    | 0     |
|  | (7)  | Contribution from rainwater (litres/person/day)                                    | 0     |
|  | (8)  | Normalisation factor                                                               | 0.91  |
|  | (9)  | Total internal water consumption<br>= [(5)-(6)-(7)]x(8)<br>(litres/person/day)     | 99.03 |
|  | (10) | External water use                                                                 | 5.0   |
|  | (11) | Total water consumption (Building Regulation 17.K)<br>=(9)+(10)(litres/person/day) | 104.0 |

| Installation Type         | Make/Model (mandatory)                           | Litres/Person/Day |
|---------------------------|--------------------------------------------------|-------------------|
| WC (multiple fittings)    | Vado Standard/Short Cistern on Frame             | 13.53             |
| Taps                      | Porter Hepworth 3 hole mixer / Burlington Guild  | 14.47             |
| Baths (shower(s) present) | Clearwater Asher & Clearwater Verge              | 10.45             |
| Showers (bath(s) present) | Burlington Guild Square Thermostatic Mixer       | 43.44             |
| Kitchen Taps              | Quooker Fusion / Shaftesbury Traditional 2 lever | 12.59             |
| Washing Machines          | Siemens IQ500                                    | 11.66             |
| Dishwasher                | Siemens SN61HX02TG                               | 2.48              |
| Water Softener            | BWT WS555                                        | 0.20              |



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