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(WAT1) Indoor Water Use



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Technical Guide November 2010 Criteria

- 5 available credits
- Credits worth 1.50% points each
- Mandatory Element: Yes

Aim: To reduce the consumption of potable water in the home from all sources, including borehole well water, through the use of water efficient fittings, appliances and water recycling systems.

Assessment Criteria:

Criteria		
Water consumption (litres/person/day)	Credits	M
≤ 120 l/p/day	1	Le
≤ 110 l/p/day	2	
≤ 105 l/p/day	3	Le
≤ 90 l/p/day	4	
≤ 80 l/p/day	5	Le
Default Cases		
None		

Technical Guide May 2009 Criteria

- 5 available credits
- Credits worth 1.50% points each
- Mandatory Element: Yes

Aim: To reduce the consumption of potable water in the home from all sources, including borehole well water, through the use of water efficient fittings, appliances and water recycling systems.

Credits are awarded based on a whole house assessment of the efficiency of internal water fittings against a benchmark figure. The assessment is measured in litres per person per day using the Water Efficiency Calculator for New Dwellings. The table below gives details of the required performance levels:

Criteria		
Water consumption (litres/person/day)	Credits	M
≤120 l/p/day	1	Le
≤110 l/p/day	2	
≤105 l/p/day	3	Le
≤90 l/p/day	4	
≤80 l/p/day	5	Le
Default Cases		
None		



References for WAT1

[BS EN 12056-3 "Gravity drainage inside buildings" Roof drainage, layout and calculations \(2000\)](#)

[BS8515:2009 - Rainwater harvesting systems. Code of practice](#)

[BSRIA Technical Note TN 7/2001](#)

[Communities and Local Government](#)

[CIBSE TM13, 2002, Minimising the risk of Legionnaire™s disease](#)

[CIRIA Publication C539, 2001: Rainwater and Greywater Use in Buildings "Best Practice Guidance](#)

[EN200:1992 Sanitary tapware. General technical specifications for single taps and mixer taps \(nominal size 1/2\) PN 10. Minimum flow pressure of 0.05 MPa \(0.5 bar\)](#)

[Environment Agency, Conserving Water in Buildings 4: Rainwater re-use](#)

[HSE, 1999, Approved Code of Practice and Guidance L8](#)

[The Met Office \(including figures for UK rainfall\)](#)

Increasing the Value of Domestic Wateruse Data for Demand Management Summary Report P6805, CP187, March 2005

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Additional information:

[Office of the Deputy Prime Minister, Housing Quality Indicators Form \(version 2\)](#)

[EN997: Compliance with water regulations for WC™s](#)

[Environment Agency: Assessing The Cost Of Compliance With The Code For Sustainable Homes WRc Ref: UC7231](#)

[HMSO, 1999, Water Supply, \(Water Fittings\) Regulations, 1999. Statutory Instruments](#)

[Market Transformation Programme, BN DW BATHS: Bath design and efficiency "Briefing Note relating to Policy Scenario Objectives in Policy Brief](#)

[Office of the Deputy Prime Minister, Buildings Regulations Approved Document H "Drainage and waste disposal, \(2002\)](#)

[Water Industry regulations, England and Wales No. 1148](#)

[Water Industry regulations, England and Wales No. 1506](#)

BRE IP 1/04, "Drainage design for buildings with reduced water use™

Environment Agency National Water Demand Management Centre. Conserving Water in Buildings (2001)

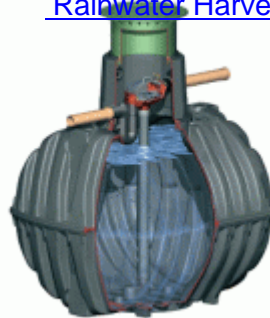
If you are at the design/specification stage of your development be sure to check our our [WAT PACK service](#)
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This includes everything you need to meet WAT1 including Bathroom Suite, Kitchen Taps with optional White Goods & Rainwater Harvesting add ons.

[Flow Restrictors](#)



[Rainwater Harvesting Systems](#)



Water Saving Kitchen Taps

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Low flow rate kitchen and utility room taps that can be used to achieve Code for Sustainable Homes and Part G specifications. Designed to maximise flow and minimise water use and waste. [\[Product Details...\]](#)

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Dishwashers that are designed to use less water than traditional systems. They can play an important part in reducing overall household water consumption. They also impact The Code for Sustainable Homes and Part G water calculations. [\[Product Details...\]](#)

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Water Saving Toilets

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Low flow rate shower heads and shower mixers that can be used to achieve Code for Sustainable Homes and Part G specifications. Designed to provide a powerful shower whilst reducing water consumption. [\[Product Details...\]](#)

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