

Rainwater harvesting
made simple



**RAINING
CHAMPION**

The Code for Sustainable Homes is a single, national standard used by home designers, builders and architects as a guide to building sustainable homes, and by home buyers to assist in their choice of home.

The Code uses a sustainability rating system indicated by stars to communicate the overall sustainability performance of a home. One star is the Code's entry level, and 6 stars (the best) is the Code's highest performance level.

A rainwater harvesting system, such as the RainRetain Developer's Domestic Home system can reduce the water consumption to 80 litres per person per day (systems will vary depending on the specification), achieving a 6 star rating.

Available from:



www.wpl.co.uk

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0845 450 4818 Version EJ03MAY10



**Developer's Home
System**
(Direct Feed and Gravity Feed Systems)

Rainwater harvesting



Don't let rain go down the drain

Below ground rainwater harvesting systems for Developers



Helping the Environment

- Easy and cost efficient to transport due to low weight
- Stackable - using less space to transport and store
- Flush with ground level for low visual impact

The system comprises:

- Tank and lid (two of each for the 3200ltr system)
- External filter
- Mains top up valve and float switch
- Submersible pump which tops up the system automatically with mains water, if the stored rainwater in the tank falls below a certain level
- Header tank assembly for gravity feed system only

Technical specification:

- Physical dimensions: Volume: 1600ltr Diameter: 1.35m (each half tank fits through door min width 80cm) Height: 1.6m Weight: 60kg (each half tank weighs 30kg, for easy transit and lifting)
- Suitable for areas with a high water table (WPL installation instructions must be strictly followed)
- The pump has a 2 year guarantee, and the tank has a 15 year guarantee
- Telescopic lid, fully adjustable to match ground (The tanks can be installed under a driveway, though a reinforced concrete slab must be used, together with a vehicle loading cover (optional))

Home and Garden System

WPL Limited's RainRetain Developer's Systems have been specifically designed with developers, housing associations and large scale house builders in mind.

These systems provide a cost effective means of incorporating sustainable products into developments, particularly where minimum standards must be met under The Code for Sustainable Homes and Building Regulations.

Available in various quantities, the RainRetain Developer's Domestic systems include tank(s), pump and filter. The tank size is 1600 litres, and can be linked in series for larger systems as shown above. There is a choice of direct feed or gravity feed (with a header tank).

The tanks are lightweight and can be supplied in two halves, making transportation and storage on site.

The excavation area is small compared to other tanks on the market and the lid is flush with ground level for low visual impact. These systems do not require a concrete back fill in most installations.

Please speak to our technical sales team for more information. Call our sales team for specification advice for any development, any size on 0845 450 4819.

Key benefits

- Helps to comply with The Code for Sustainable Homes, achieving credits in Category 2 Water and Category 4 Surface Water run-off
- Designed in accordance with BS8515:2009
- Meets Building Regulations Part G 2009 for mains water use in the home
- Easy installation and no concrete backfill required
- Adds sustainable value to a property
- Helps alleviate flood risks by collecting excess water
- Eases pressure on mains drainage as the rainwater is retained in the property and does not require immediate percolation
- Provides a source of usable water during periods of low rain fall and hose pipe bans
- Will automatically switch to mains water in the unlikely event of recycled rainwater running out.



Fully electronic, intelligent submersible pump, located inside the below ground rainwater storage tank.



External filter unit with overflow siphon, rodent guard, inflow stilling system and easy lift out filter.