

Concrete Tanks

Water Harvesting Tanks

Free Rain

*Capture it, store it, use it, with
Turley's Water Harvesting Tanks*



- **Reliable and Robust**
- **Easy Installation**
- **Superior to Plastic Tanks**
- **Environmentally Friendly**

Call Turley Bros on (028) 3026 6421 www.turleybros.com



Turley's Precast Water Harvesting Tanks:

- Are economical
- Are strong, durable and watertight
- Are easy to install
- 45 N concrete strength



Water Harvesting

With the introduction of the water charges in the Republic of Ireland and with possibilities of charges in Northern Ireland, water has never been such an emotive subject for people throughout Ireland. In a country with so much of the natural resource in a seemingly abundant supply it is hard to understand how these charges can be

justified. Unfortunately, it is not the resource that is the issue but rather the infrastructure to commute this resource to our properties.

Taxes will most likely be the method of

paying for years of under-investment in the water infrastructure.

However, there is a cost-effective alternative in water harvesting tanks.

Concrete water harvesting tanks capture the rain water that falls on our roofs and stores it for future use.

Water Harvesting Tanks

Water harvesting is a system whereby we capture the rain water that falls on our roofs and store it for future use. A one-inch rain will collect 600 gallons from a 1,000 square foot roof, while 4,500 square foot lot will receive 2,800 gallons! To work out how much you can capture, use the below formula.

1. Measure the square footage of the collection area (for example a roof that is 30 feet wide x 50 feet long = 1500 sq. ft.)
2. Multiply the area by the amount of rain in inches
3. Multiply that number by 0.623 (that is the quantity of water in gallons one inch deep in one square foot of space). This is water that would normally be transported away from your property through drains to be sold back to you at a later date

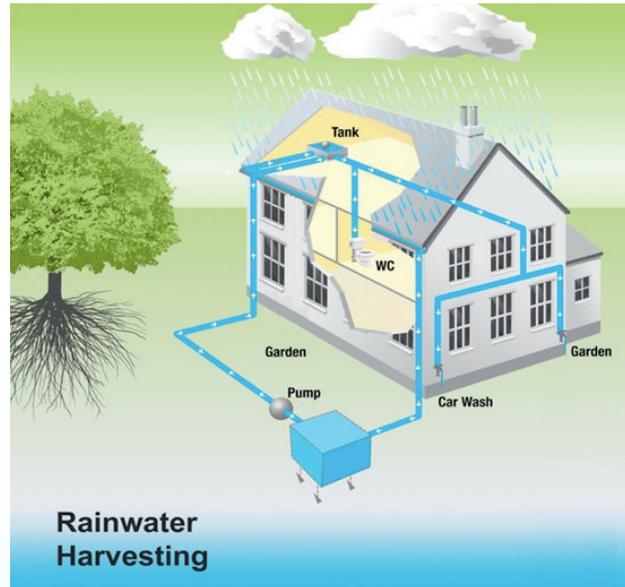
So what do I need to start harvesting?

The WTI solution is simple. We will install a concrete storage tank in the ground and direct the rainwater from your house into it. Before entering the tank the water passed through a leaf filter and a vermin trap to capture heavy material prior to the water entering the storage tank. Water enters the tank through a calmed inlet which slows down the water entering the tank thereby not disturbing any settled sediment in the tank. Water is then pumped from the top of the storage tank to a header tank at your house. At the header tank we install a float that will top up the header tank from the mains supply if there is insufficient water stored in your harvesting tanks. Water in your header tank is then directed into the gray water system in your house, your non drinking supply.

So what can I use the rain water for?

Rainwater is softwater, clean of chemicals and contaminants from the purification and delivery process of mains water but it is not suitable for human or animal consumption. It can be used for the following

- Garden irrigation
- Car Washing
- Toilets
- Washing Machines



Turley's Water Harvesting Tank

Turley supply a concrete rain water harvesting tank for a variety of reasons

- Concrete is durable and hard wearing.
- They are competitively priced against our plastic competition
- They do not require backfilling when installed
- They will never pop up out of the ground like plastic tanks when the water table rises
- They can withstand substantially more weight than the plastic tanks and will not crush or split
- They are a lot less susceptible to frozen conditions than the plastic tanks are.



SPECIFICATIONS

The Turley Water Harvesting Tank

- Certified to EN12566-3
- 3400 Litre Capacity
- 45 Newton Concrete
- 3.5 Tonnes in Weight
- Up to 8 Bedroom home
- Length 2868mm
- Width 1112mm
- Height 1700mm (including lid)

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Water Harvesting Tanks



WATER TANK ACCESSORIES

As well as supplying rainwater harvesting tanks, septic tanks and water treatment tanks, Turley Bros also supply a range of accessories including risers, lids and percolation boxes.

Please contact us with your requirements for new build, renovation or extension. We are more than happy to assist you with any technical queries and quote you for any of our products and services.

Tel: +44 (0)28 3026 6421

www.turleybros.com

www.resinbondedireland.com

Why not come and visit our showroom and experience our products and finishes.



RISERS



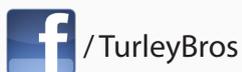
LIDS



PERCOLATION BOXES

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