



# **RAINWATER STORAGE TANKS: CHARACTERISTICS AND PERFORMANCE**

## **CHARCATERISTICS**

The rainwater tank is a watertight tank intended for the collection and storage of rainwater to be reused later.

This stored rainwater can be use for:

- Garden irrigation.
- Car wash.
- Toilet flushing water.

Can also be used, after its filtration and appropriate treatment, to provide the washing machine, dishwasher, and bathroom and also, after advanced depuration, as drinking water.

Please contact our technical department for optimal sizing of the tank.

## **FUNCTIONING**

The water tank is connected to the building's rainwater network. When the tank us overflow drains excess water into the sewer or drainage system available in the building.

Rainwater collected should be as clean as possible, because organic waste, mainly leaves and dust, ferment and produce bad odours. In order not to purge an / or clean the tank very often, is recommended the installation of storm water filter at the entrance of the tank.

To increase storage capacity, you can group several ranks. For this, there is a coupling kit composed of 2 passing tubes mounted at the factory and 1m of flexible, all in PVC. The flexible can be supplied optionally with greater length. The start work is to connect the flexible to the passing tubes through the clamps provided.

For the pumping and the system of rainwater management, view product range rainwater recovery. This equipment can be supplied factory-installed with the tanks or installed later to existing ones.

## **ADVANTAGES OF PE REGARDING CLASSIC MATERIALS**

- Light structure and easy installation.
- Leakproofness guaranteed, seamless.
- No risk of infiltration.
- Material insensitive to corrosion.
- Easy cleaning, no dirt adheres.