

# For a personal offer for a rainwater harvesting system ...

## Tips of an expert

... we need a few details regarding your premises and household.

Please complete the form  
Below and fax it back to  
0033 (0) 297385761  
or email to  
info@bretonbuild.com

### Your house:

New construction (not yet built)  Existing building

Roof area in m<sup>2</sup> that can be connected to the rainwater harvesting system? \_\_\_\_\_ m<sup>2</sup>

Roofing type?

Glazed roofing tiles  Fire tiles  
 Concrete flat roof  Flat roof with gravel packing  
 Slates  Green roof

How many down pipes can be connected to the system?

### Underground tank::

Will the tank be negotiable?  No  Yes  By car  By truck

Soil type:

Normale soil  Clay soil  
 Rocky ground  Sandy ground  not know

Where will the overflow of the cistem lead to?

Soak-away  
 Rainwater / sewage channe

Envisaged distance of the tank from the location of installation of the rainwater utilisation system in the house: \_\_\_\_\_ m

Height difference between the pump and the tank base: \_\_\_\_\_ m

### Your household:

How many persons live in the house? \_\_\_\_\_

Use of rainwater:

Toilet with flushing valve  Toilet with toilet tank  
 Washing machine  Garden / backyard \_\_\_\_\_m<sup>2</sup>  
 Flower beds / lawn \_\_\_\_\_m<sup>2</sup>

Surname: \_\_\_\_\_

First name: \_\_\_\_\_

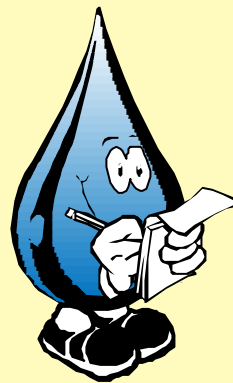
Address: \_\_\_\_\_

Postal Code/city: \_\_\_\_\_

Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_

E-Mail: \_\_\_\_\_



- Always read the installation and operating instructions prior to construction or installation! Non-compliance with the instructions might result in loss of warranty!
- Ensure that the supply line from the tank to the house is protected against frost (minimum 80 cm).
- The supply line (DN 100 drainpipe) must be installed at a constant incline from the tank to the house (inclination 1%). Only install elbows of more than 45°. wall penetration for the supply lines in the house should be sealed with a through-the-wall installation sleeve.
- Rainwater lines may not be reduced in diameter upstream or downstream from the tank or the filter units (DIN 1986).
- Ensure that the flow in all water supply lines to the tank is calmed, as there is otherwise a risk of sediment at the tank bottom being whirled up.
- The overflow must be installed in the tank with a siphoning device to prevent bad odours and to allow for the removal of the scum layer.
- Where the overflow is to be connected to the public sewage system, the connection must be established through a pump (new requirement according to DIN 1989)!
- The drainage of rainwater into a surface water body or an underground soak pit requires permission from the relevant authorities. Contact your local planning or environmental protection office for advice.
- The suction line should always be installed as a floating line. To prevent that sediment is taken up, submersible pressure pumps must be installed as suspended units. Alternatively, suction pot.
- The drinking water feed may be through a feed module. The feed system must however always be implemented as a free outlet according to DIN 1988, part 4. This outlet must be located above the backflow level, i.e. the level of the kerbstone of the adjacent road.
- We recommend using plastic pipes for rainwater utilisation systems, as they are more durable than other materials and ensure best water quality (soft water free of limestone).
- Fine filters installed in the house have a negative effect on the quality of the rainwater, as they promote bacterial growth. We therefore strongly recommend not using such filters. The rainwater should be filtered before or in the tank.
- The pressure of the pump should be controlled by means of automatic switching gear. We recommend not installing membrane expansion vessels, as they increase the risk of germ contamination and require considerable maintenance.
- All pipelines and draw-off points must be equipped with the following signs: "RAINWATER" and "WATER NOT SUITABLE FOR CONSUMPTION" (DIN 1988, 1989).
- The installation of lines connecting the potable water system with the rainwater system is forbidden.
- Percolation is at the owner's risk. Do not rely on hearsay, but carry out a percolation test.
- Good advice obtained prior to installation saves time, money and nerves.

Your GreenLife dealer: