

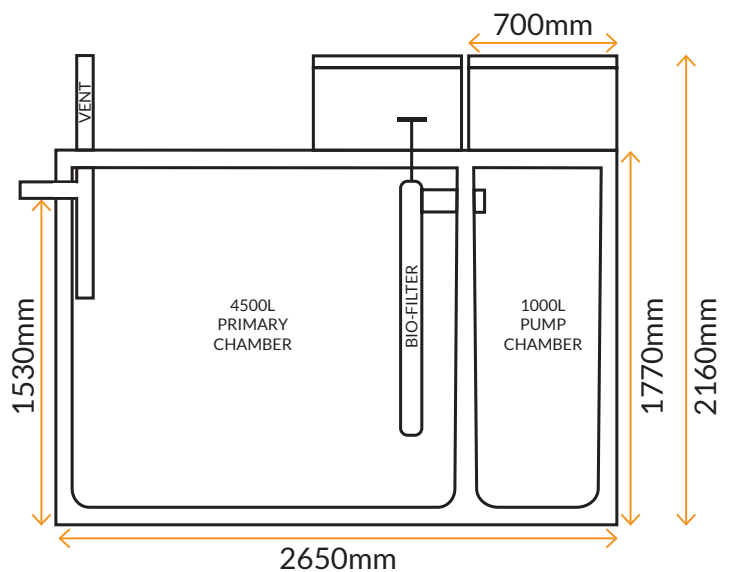
Suitable Applications for Septic Tanks

4500/1000 litre



- 4.1 tonne weight
- 65mm wall thickness
- 90mm floor thickness
- 90mm roof thickness
- 50mpa concrete

1. Hatch opening700mm
2. Total wall height 1770mm
3. Overall height 2160mm
4. Overall length 2650mm



Harvey Tanks Ltd.
CONCRETE WATER & SEPTIC TANK MANUFACTURERS

Call Us
03 236 8731

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www.harveytanks.co.nz

Site preparation

It is important the site for your concrete tank is prepared correctly prior to delivery. This will ensure the tank operates at the optimum level and is safe from damage.

SITE PREPARATION FOR A HARVEY CONCRETE WATER TANK SITTING ON OR IN THE GROUND

- 1** Dig a hole to the dimensions depending on the size of your tank.
- 2** Use a spirit level and a straight edge to check the site is level in all directions.
- 3** Cover the site with 100mm of loose material that can be shifted with a rake (eg. sand, concrete gravel, top soil) for the tank to bed into.
- 4** When placing the water tank underground, please note that if the tank is empty, it could float.
- 5** When backfilling around the tank, do not dump fill on top of the water tank. Instead, place fill at the side of the tank and push the fill out over the top. Ensure the backfill does not have any rocks or large stones in it.
- 6** Allow the fill to settle on the tank naturally – do not trackroll the fill over the top of the tank.



Installation steps

- 1** Level the ground which will form the base for the tank. Excavate the virgin solid ground. Do not use excavated material to achieve a level platform. The tolerance allowed is 50mm.
- 2** The base should be a 4 metre x 4 metre square hole x 2050mm depth for 3.0m tanks.
- 3** Add 7mm GAP Granular Fines as bedding material – this should be 100mm thick. Do not compact; this should be screeded to within 5mm tolerance over the entire base.

Delivery

On-site delivery and assistance in installation to ensure optimal performance

Harvey Tanks can deliver and install concrete tanks and sheds just about anywhere. Our concrete tanks can be installed to suit the needs of your property, including being completely buried with a reinforced roof to preserve the aesthetic.

The Harvey Tanks team will transport your concrete tank to site and install the tank, ensuring optimal site placement and performance. We've been supplying and installing concrete tanks for over 60 years and have a wide ranging knowledge of how our tanks work and where they should be placed.

Harvey Tanks have been installed throughout the South Island, including in remote locations such as Cardrona Ski Field, at the top of Bob's Peak in Queenstown (top of the Gondolas) and Milford Sound.

Important notes

- 1** Ensure that the inlet to your tank is lower than your lowest stretch of spouting. An additional fall may be necessary depending on the distance between the source of the water (house roof) and your tank.
- 2** Suitable site access is the responsibility of the purchaser. Check that there are no overhead wires, branches, buildings, gate posts or other obstacles blocking access to the loaded delivery truck. The transport contractor will take every care not to damage property but will not be responsible for damage caused due to restricted access.
- 3** Make sure the ground is firm enough to take the weight of a loaded truck. If you have any doubts, raise them with us before delivery.
- 4** Make sure there are no holes, drains or septic tanks etc that the truck could fall into when delivering your tank.
- 5** If you intend backfilling, partially burying your tank, you should inform us of this when placing your order. The tank can then be manufactured to take the additional stresses placed on it.
- 6** On the day of installation, it is essential to install and pipe the overflow away from the tank base to prevent undermining of the site.

Craigs 57568



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