

**RESIDENTIAL  
RURAL RANGE**

# heritage water tanks

ASK ABOUT OUR  
**NEW  
GUTTER  
TECHNOLOGY**  
Patent 2009208055A1

Capacities from **55,000L (12,000 gal) • 375,000L (82,000 gal)**

## Pre-Installation Instructions and site preparation

### PREPARING SAND PAD:

1. Prepare a sand pad 2 metres larger in diameter than the chosen tank (4 metres larger for HGT375). The pad must be 150mm deep, and free of vegetation. Tree roots, etc, must be totally removed with no possibility of growing back. Ensure sub soil has adequate compaction (minimum 50kpa).
2. The preferred base material is free draining sand, level over the entire area (+/- 10mm) and free of any sharp objects, clay lumps, stones, etc (Must be as good as screened sand, crusher dust is also acceptable at 5mm or less).
3. Important; the sand pad must be level - please double check.
4. If the site is cut and filled to form the base for the tank, ensure there is adequate compaction (to a minimum of 50kPa) of the sub soil to avoid subsidence. Adequate drainage must be installed to divert water run off away from the tank. Please see back of page for tank sizes, sand volumes and diagrams.
5. Pad preparation must be up to these standards, if not and it is necessary for our installers to leave the site and reschedule a new installation date this will incur a charge for travel, accommodation (if required) and wages, which will be charged to you by the installers.

### ON THE DAY OF INSTALLATION:

1. 100mm of water must be supplied by the purchaser to be placed in the tank (350mm for 3 ring tanks). This must happen on the day of installation to secure the liner and stop it from any future movement. (If no water is supplied this will void your warranty). In high wind areas 200mm of water is required (500mm for 3 ring tanks), please see back of page for volumes of water needed per tank.
2. If prior arrangement of the placement of the fittings has not been made then someone will need to be on site to explain where the fittings need to be placed on the tank on the day of installation.
3. Full payment must be made on the day of installation.

### AFTER INSTALLATION IS COMPLETE:

1. 75mm thick x 400mm of Blue Metal or Crushed Rock (3/4 or 20mm) must be placed around the total circumference of the base of the tank. This is designed to stop erosion from water run off or strong winds. (If no Blue Metal is placed around the tank this will void your warranty). Please see back of page for volumes of blue metal/crushed rock needed.
2. Inspection hatches must be locked (Lock to be supplied by purchaser). Unauthorized entry into the tank is prohibited.

## CLIENT RESPONSIBILITIES

### Access into the site:

1. Please ensure clear access for vehicles to site. Most installers will need access for a ute with a trailer or a small truck. (If the roof sheets are to be sent to site there may be a large truck or semi needing access. Please advise the installer).
2. Please stipulate if 4WD is necessary to access the site.

### Sufficient fall from Gutters:

1. It is the purchaser's responsibility to make sure there is sufficient fall from the Gutters of premises to the tank. (Tank wall height 2.31m - HGT375 is 3.45m).

### Check with Local Shire / Council:

1. It is the purchaser's responsibility to check with local Shire / Councils with regards to building licenses, building envelopes and any bylaws.

### Purchasers Responsibility:

1. It is the purchaser's responsibility that all the conditions are met and work is completed on the pad before the installation date.

### Cancellation Policy:

1. Cancellation may result in the forfeit of full or part of your deposit.

### Payment of Accounts

1. Full payment of accounts must be made on the day of installation
2. Overdue accounts will be subject to interest at the rate of 7% p.a. calculated for the period the account is due until the date it is paid
3. In the event that an overdue account is referred to a collection agency and/or law firm, Heritage Tanks may recover from the Purchaser all fees, costs and expenses in full, including legal demand costs, incurred by Heritage Tanks in recovery of the outstanding monies

### Suitable Date:

1. Once your sand pad is completed to the standards specified above, contact your State Distributor to arrange a suitable installation date as agreed to by both parties.

### Warranty:

1. After the completion of a signed order form, the compliance of the above conditions and the full payment, your 20 year pro rata warranty will be validated.
2. Failure of any of the above will void your warranty.

### Tank Capacities:

1. Tank Capacities between litres and gallons have been rounded off.

### Wind Rating:

1. These installation instructions are based on a Category A wind rating. If your tank is in a Category B or C wind rating (eg. Northern Queensland coast line is rated Category B & C) you must have a minimum of 30% capacity of water in the tank under adverse wind conditions.

**The bigger, better rainwater tank**



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# TANK SIZES, CAPACITIES AND SAND PAD REQUIREMENTS

(CAPACITIES ROUNDED OFF)

MODEL	LITRES	TANK DIAMETER	MINIMUM WATER	BLUE METAL	SAND	PAD DIAMETER
HGT 55	55,000	5.49m	8,000Ltrs	1.0m <sup>3</sup>	8.0m <sup>3</sup>	7.50m
HGT 90	90,500	7.06m	10,000Ltrs	1.2m <sup>3</sup>	12.0m <sup>3</sup>	9.06m
HGT 110	111,500	7.84m	10,000Ltrs	1.2m <sup>3</sup>	14.5m <sup>3</sup>	9.83m
HGT 135	135,000	8.63m	10,000Ltrs	1.2m <sup>3</sup>	15.9m <sup>3</sup>	10.63m
HGT 160	160,500	9.41m	10,000Ltrs	1.6m <sup>3</sup>	19.5m <sup>3</sup>	11.40m
HGT 220	220,000	10.99m	10,000Ltrs	2.0m <sup>3</sup>	25.0m <sup>3</sup>	13.00m
HGT 250	251,000	11.77m	11,000Ltrs	2.0m <sup>3</sup>	30.0m <sup>3</sup>	13.77m
HGT 285	285,500	12.55m	13,000Ltrs	2.0m <sup>3</sup>	34.0m <sup>3</sup>	14.55m
HGT 375	375,000	11.77m	38,000Ltrs	2.0m <sup>3</sup>	36.0m <sup>3</sup>	15.77m

The above information are estimates only based on a perfectly level site and will vary according to your specific site and materials used. In high wind areas 200mm of water is required in the tank on day of installation.

## PAD PREPARATION GUIDELINES:

The preparation of the base pad is the responsibility of the customer. Our preferred base material is free draining sand. It must be free of sticks, stones and clay lumps. If you have to cut or fill the site, ensure adequate compaction of the sub soil to avoid subsidence.

The pad must be level to +/- 10mm

Blue metal, (¾" or 20mm), must be placed around the base of the tank, 75mm thick x 400mm off the wall of the tank around the total circumference. This is designed to stop erosion from water run off or strong winds.

Guide to preparing pad:  
Use of a Laser Level is preferred.  
Mark level points around circumference of pad and across centre then level sand across pad by screeding to these points.

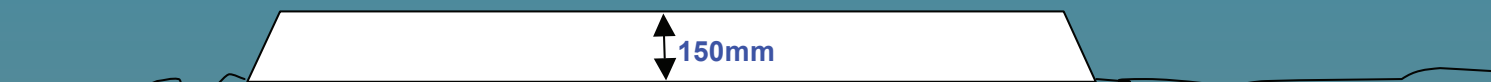


150mm

Make sure pad is level around entire circumference of pad and across centre using laser level.

## Site Examples:-

### 1. Level existing site:-



### 2. Slightly sloping site:- Pad needs to compensate slope, laid down thicker in areas, to ensure pad is level. (More sand will be required than in the table above).



### 3. Site has been cut in: - we recommend a drain to be dug into the slope above the pad to allow water diversion around the tank when it rains, and then your sand base won't be washed away from water run off.



Cut in drain to divert water.



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