

### Pre-install Tank Base Acknowledgement

Before we install your new Aqualine tank, can you please review the below requirements, tick the boxes and send this to Bushmans with your acceptance that tank base/pad is fully prepared for the installation and to the terms below.

Customer Name:

The base/pad is prepared according to the guide attached.

I have attached 2 x pictures of the completed tank base/pad:  
1 x Overview picture that shows the entire completed base/pad  
1 x Close up picture that shows the material used for the base/pad.

There is access next to the tank base/pad for the installers truck and trailer so there is a work area for the installer to work from.

The base\pad diameter is 2m wider than tank diameter.

Please note if the tank base/pad is not fully prepared for installation, then:

- There is a \$100 per hour waiting time charge depending on the installers available time.
- If the installer has to leave and come back, then there is an additional cost of \$100 per hour for travel plus \$1.80 per km.

I agree to the above terms and conditions

Date:

# Installation Guide



## Prep & Completion Requirements

Aqualine tanks are designed for installation on a flat level surface that is able to withstand the weight of a full water tank. To do this the site must be prepared correctly. The correct preparation of your site will ensure that the tank will be trouble free for many years. There are three types of bases for Aqualine Tanks, these being free draining sand, a crusher dust base or a concrete pad base.

*NB: If the pad is not prepared properly and the install team arrive and have to wait or come back, the customer will be responsible for any expenses including but not limited to travel, accommodation and wages incurred by Aqualine.*

### Concrete Base

The concrete slab must be designed to carry the weight of the tank filled with water. Aqualine can provide specific slab diagrams for basic installations. For more complex installations an engineer may be required.

### Sand Or Crusher Dust Base

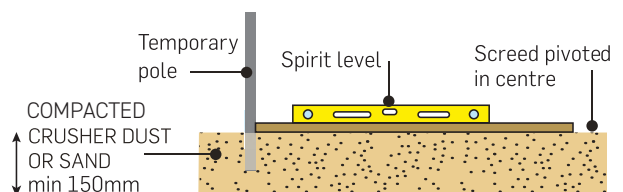
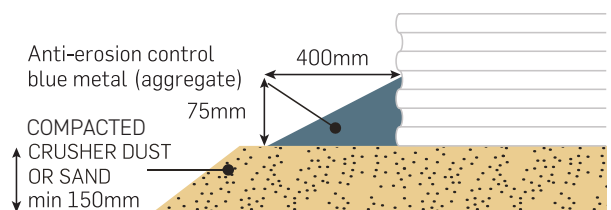
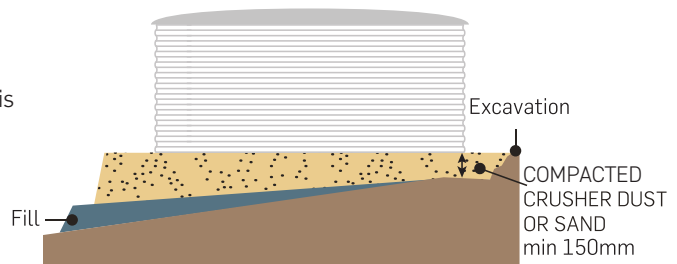
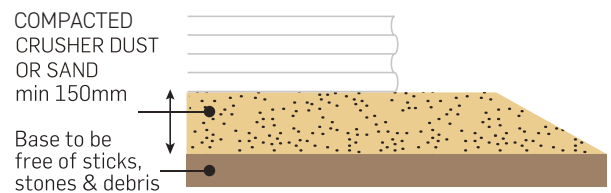
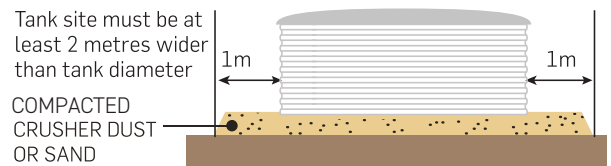
1. Preparing the Sand or Crusher Dust Pad:
  - The sand or crusher dust pad must have a diameter which is more than 2 metres wider than the tank diameter.
  - The preferred base material should be free draining and **must be free of sticks, stones & debris.**
  - If crusher dust is used it must have particle sizes of less than 5mm and the tank base must have a Geotextile covering to protect the liner.
  - The pad must be stable prior to construction
  - The fill must be a minimum depth of 150mm and compacted to a minimum capacity of 50kPa.
2. It is important that the pad is 100% level.
3. For a tank base cut into a sloping site, make sure there is adequate drainage to direct water away from the pad.
4. A retaining wall may be required on sloping sites.

*NB: The cubic metres of base material is for a flat site with a minimum of 150mm. Base preparation guidelines are designed for stable soils. Customers should consult their engineer on specific base and slab specifications. Tanks located in cyclonic regions will require a concrete ring beam.*

Code	base material	Code	base material
ASL20	3.85m <sup>3</sup>	ASL150	17.07m <sup>3</sup>
ASL30	5.16m <sup>3</sup>	ASL180	19.73m <sup>3</sup>
ASL45	6.66m <sup>3</sup>	ASL210	22.58m <sup>3</sup>
ASL60	8.36m <sup>3</sup>	ASL245	25.63m <sup>3</sup>
ASL80	10.25m <sup>3</sup>	ASL280	28.86m <sup>3</sup>
ASL100	12.33m <sup>3</sup>	ASL320	32.29m <sup>3</sup>
ASL125	14.60m <sup>3</sup>	ASL360	35.91m <sup>3</sup>

## Day Of Installation

- If the fitting and strainer locations have not been specified, then someone will need to be on-site to instruct the installers on the required locations, this must be finalised prior to truss installation.
- Once the installation has been completed the tank must have 300mm of water supplied by the customer to secure and set the liner. **This must happen on the day of installation.** If water is not added on the day this can void the warranty.
- A 75mm high by 400mm wide layer of blue metal or aggregate must be placed around the circumference of the tank to prevent erosion when water runs off the roof. If no blue metal or aggregate is placed the warranty will be voided.
- Inspection hatches should be locked to prevent unauthorised entry (*customer to provide lock*).



I \_\_\_\_\_, have read and agree that my base has been prepared according to this guide. I understand if my base is not correctly prepared then:

- There is a \$100 per hour waiting time charge depending on the installers available time.
- If the installer has to leave and come back, then there is an additional cost of \$100 per hour for travel plus \$1.80 per km.

Signature \_\_\_\_\_

Date \_\_\_\_\_