

Industrial Tank **Installation Guide 2021**



Promax

LIQUID MANAGEMENT SOLUTIONS

Industrial Tank Installation Specifications

Promax Industrial Tanks must be installed according to these instructions.

Failure to follow these installation instructions will void the warranty and may result in tank failure. Proper installation of tanks is required to prevent tank damage and insure long term trouble free service.

It is imperative to read and understand the instructions below prior to any installation commences.

Promax will not be held liable for any cost associated with poor installation.

1. Delivery

Delivery is to the road entrance of your property. Access to the property is at the driver's discretion.

2. Handling

Promax recommends the following for normal situations where a tank is required to be lifted into position using the moulded in lifting lugs.

- All lifting lugs to be used
- Tank must be empty of all contents
- Long chains or strops to be used to lift tank

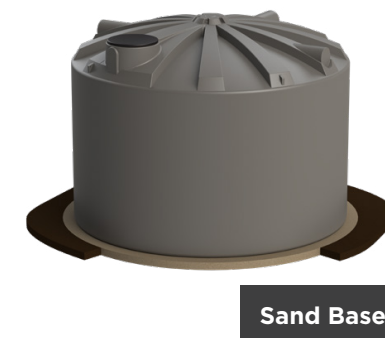
Promax recommends the use of compliant lifting equipment to Work Safe New Zealand guidelines.



3. Tank Base Preparation #1

Sand

- Ensure that the tank site is level and free from any foreign matter that may damage the tank base.
- Ensure the tank site is well compacted if fill is used to prepare or level the site.
- Ensure that the tank site is at least 300mm larger in diameter than the tank.
- Use a level 100mm layer of sand, fine gravel or crusher dust as a base to sit the tank on.
- If a sand base is used, a retaining cover must be provided to prevent sand from washing away after installation.

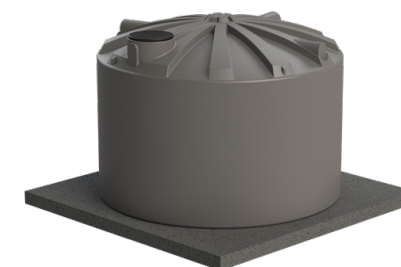


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4. Tank Base Preparation #2

Concrete

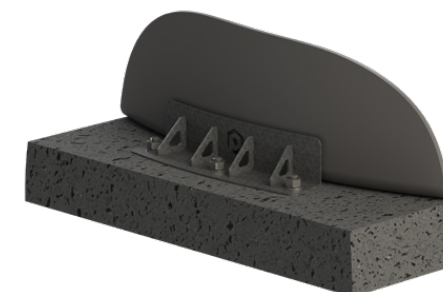
- Tanks may be placed on a smooth concrete base pad providing this is constructed such that it will support the tank weight (full of water) without the possibility of cracking or sheering ultimately causing damage or failure of the tank.



Concrete Base

5. Seismic Restraints

- Seismic Restraints must be used in conjunction with pad specifications provided by Promax, this includes bolt type, spacings, edge distances, pad thickness & MPa.
- Allow a 10mm spacing between tank and restraint when anchoring.



6. Pipe Connections

- All piped connections into and out of Promax Tanks must have flexible connections that enable Tank & pipework expansion, contraction & lateral misalignment.
- Fittings include rubber bellows, rubber hose & compression fittings.

