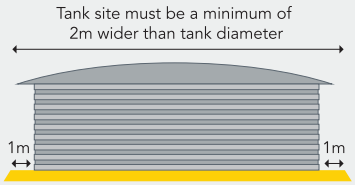
SITE PREPARATION

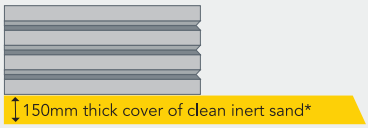
PIONEER WATER TANKS

Before a Pioneer water tank can be installed, a stable tank pad foundation must be prepared. There are several important steps to consider when selecting your tank site and preparing the pad:

TANK SITE MUST BE LEVEL AND FLAT

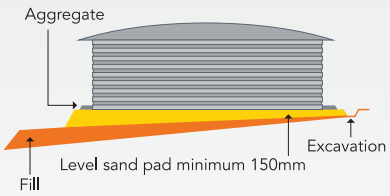


IMPORTANT



NOTE: Base must be free from sticks, stones and debris

SLOPING SITES



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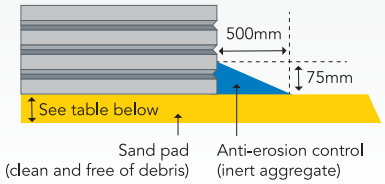

1. The tank pad must be level, stable and constructed using clean inert sand* that is free of any debris.
2. The tank pad must be at least two meters larger than the diameter of your tank. It is also important to make sure that there are no nearby obstructions**, for when our local dealer installs your new Pioneer water tank.
3. For sloping tank sites, ensure adequate drainage to divert water run-off away from the tank wall.
4. An inert aggregate must be placed around the base perimeter of the tank, once it has been installed. This aggregate helps to prevent the tank pad from eroding away, and keeps your tank in place***.
5. A retaining wall may be required to maintain pad integrity, on sloping or uneven sites*.
6. Once your tank has been installed, it is important to fill it with the amount of water specified in the table below. This initial fill acts as an anchor weight, to help prevent movement from occurring in high wind areas.

* Where clean inert sand is not easily sourced, Pioneer recommends using a 150mm crusher dust base with a geotextile membrane for additional liner protection.

** Please ensure that there is a space of at least 1 meter allowed for, between the tank wall, and any objects within the proposed tank pad vicinity.

*** Check with your local dealer to see if they provide this additional service. If not, you are responsible for completing this step.

Following the above process will help to ensure that your tank pad is prepared correctly.

Before you start preparing your site for installation of your water tank, Pioneer Water Tanks also recommends you contact your local shire to see if there are any regulations or restrictions in place.


Clean tank pad, ready for tank installation


Aggregate

MODEL	GROSS CAPACITY		TANK DIMENSIONS		TANK PAD PREPARATION DETAILS			
	Litres	Gallons	Diameter	Height	Tank Pad Size Required (Diameter x Depth)	Min. Clean Sand Required	Aggregate Required	Water Required After Build
GT 500**	500,659	110,129	14.04 m	3.24 m	16.04 m X 150 mm	30.30 m³	0.83 m³	46,429 l
GT 410**	409,836	90,151	12.70 m	3.24 m	14.70 m X 150 mm	25.46 m³	0.75 m³	38,006 l
GT 370**	367,831	80,911	12.03 m	3.24 m	14.03 m X 150 mm	23.20 m³	0.71 m³	34,111 l
GT 330**	328,096	72,171	11.36 m	3.24 m	13.36 m X 150 mm	21.04 m³	0.67 m³	30,426 l
GT 290**	290,632	63,930	10.70 m	3.24 m	12.70 m X 150 mm	18.99 m³	0.63 m³	26,952 l
GT 280	276,180	60,751	12.70 m	2.18 m	14.70 m X 150 mm	25.46 m³	0.75 m³	38,006 l
GT 250	247,874	54,525	12.03 m	2.18 m	14.03 m X 150 mm	23.20 m³	0.71 m³	34,111 l
GT 220	221,097	48,635	11.36 m	2.18 m	13.36 m X 150 mm	21.04 m³	0.67 m³	30,426 l
GT 200	195,851	43,081	10.70 m	2.18 m	12.70 m X 150 mm	18.99 m³	0.63 m³	26,952 l
GT 170	172,134	37,864	10.03 m	2.18 m	12.03 m X 150 mm	17.04 m³	0.59 m³	23,688 l
GT 150	149,948	32,984	9.36 m	2.18 m	11.36 m X 150 mm	15.20 m³	0.55 m³	20,635 l
GT 130	129,292	28,440	8.69 m	2.18 m	10.69 m X 150 mm	13.46 m³	0.51 m³	17,792 l
GT 110	110,166	24,233	8.02 m	2.18 m	10.02 m X 150 mm	11.83 m³	0.47 m³	15,160 l
GT 90	92,570	20,363	7.35 m	2.18 m	9.35 m X 150 mm	10.31 m³	0.43 m³	12,739 l
GT 80	76,504	16,829	6.68 m	2.18 m	8.68 m X 150 mm	8.89 m³	0.39 m³	10,528 l
GT 60	61,968	13,631	6.02 m	2.18 m	8.02 m X 150 mm	7.57 m³	0.35 m³	8,528 l
GT 50	48,963	10,770	5.35 m	2.18 m	7.35 m X 150 mm	6.36 m³	0.32 m³	6,738 l
GT 40	37,487	8,246	4.68 m	2.18 m	6.68 m X 150 mm	5.26 m³	0.28 m³	5,159 l
GT 30	27,542	6,058	4.01 m	2.18 m	6.01 m X 150 mm	4.26 m³	0.24 m³	3,790 l
GT 20	19,126	4,207	3.34 m	2.18 m	5.34 m X 150 mm	3.36 m³	0.20 m³	2,632 l
GT 10	12,241	2,693	2.67 m	2.18 m	4.67 m X 150 mm	2.57 m³	0.16 m³	1,684 l

Note: This table provides necessary information about the area, and minimum volume of clean inert sand required to correctly prepare a tank pad, for your Pioneer water tank.

Tanks that are located in cyclonic regions may require a concrete ring beam.

Allowance must be made for an air gap and pipe work positioning, to establish a usable tank volume (effective capacity).

OTHER PIONEER TANK SIZES ARE AVAILABLE. CONTACT US ON 1800 999 599 FOR MORE INFORMATION.