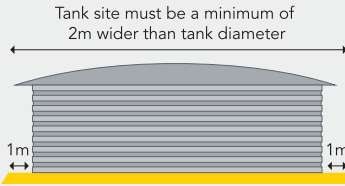


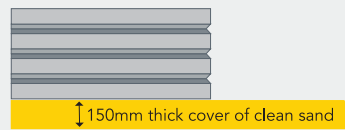
# WATER TANK SITE PREPARATION

Before a Pioneer water tank can be installed, a stable sand 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

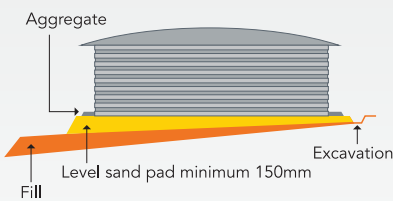


## IMPORTANT

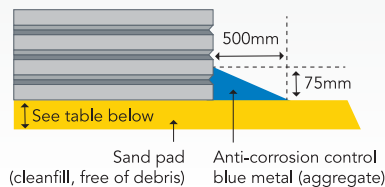


**NOTE:** Base must be free from sticks, stones and debris

## SLOPING SITES



## IMPORTANT



- 1 The sand pad must be level, stable and free of debris prior to construction.
- 2 The sand pad must be at least two metres larger than the diameter of your tank.
- 3 For sloping tank sites, ensure adequate drainage to divert run off away from the tank wall.
- 4 Aggregate must be placed around the circumference of your tank to stop erosion and comply with warranty conditions\*.
- 5 A retaining wall may be required to maintain pad integrity\*\*.
- 6 Your tank should not be left empty for an extended period of time. A minimum load of water (10% of tank capacity) should be placed in your tank at the completion of construction.

\* Check with your local distributor to see if they can provide this additional service. If not, you will need to make sure this is appropriately applied after installation yourself.

\*\* 1,000 litres of stored water weighs 1,000kgs (1 tonne).

Although a properly prepared sand pad will minimise the risk of debris damaging the tank liner, Pioneer also recommends installing a geotextile membrane for added protection for the liner.

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.



MODEL	GROSS CAPACITY		DIMENSIONS		TANK PAD PREPARATION			
	Litres	Gallons	Diameter	Height	Pad Size (Width x Depth)	Min. Sand Required	Aggregate Required	Water Required After Build
GT 10	12,200	2,600	2.67m	2.18m	4.67m x 150mm	3.0m <sup>3</sup>	0.4m <sup>3</sup>	600L
GT 20	19,100	4,200	3.34m	2.18m	5.34m x 150mm	4.0m <sup>3</sup>	0.5m <sup>3</sup>	950L
GT 30	27,542	6,053	4.01m	2.18m	6.01m x 150mm	5.0m <sup>3</sup>	0.6m <sup>3</sup>	1,300L
GT 40	37,573	8,258	4.68m	2.18m	6.68m x 150mm	6.0m <sup>3</sup>	0.7m <sup>3</sup>	1,750L
GT 50	48,963	10,761	5.35m	2.18m	7.35m x 150mm	7.0m <sup>3</sup>	0.8m <sup>3</sup>	2,300L
GT 60	62,111	13,615	6.02m	2.18m	8.02m x 150mm	8.0m <sup>3</sup>	0.9m <sup>3</sup>	2,900L
GT 80	76,504	16,814	6.69m	2.18m	8.69m x 150mm	9.0m <sup>3</sup>	1.1m <sup>3</sup>	3,550L
GT 90	92,570	20,345	7.35m	2.18m	9.35m x 150mm	10.0m <sup>3</sup>	1.2m <sup>3</sup>	4,350L
GT 110	110,116	24,212	8.02m	2.18m	10.02m x 150mm	12.0m <sup>3</sup>	1.3m <sup>3</sup>	5,050L
GT 130	129,292	28,416	8.69m	2.18m	10.69m x 150mm	14.0m <sup>3</sup>	1.4m <sup>3</sup>	6,000L
GT 150	149,948	32,956	9.36m	2.18m	11.36m x 200mm	16.0m <sup>3</sup>	1.5m <sup>3</sup>	7,000L
GT 170	172,529	37,919	10.03m	2.18m	12.03m x 200mm	17.0m <sup>3</sup>	1.6m <sup>3</sup>	7,900L
GT 200	195,851	43,044	10.70m	2.18m	12.70m x 200mm	19.0m <sup>3</sup>	1.7m <sup>3</sup>	9,000L
GT 220	221,604	48,704	11.36m	2.18m	13.36m x 200mm	21.0m <sup>3</sup>	1.8m <sup>3</sup>	10,200L
GT 250	247,478	54,478	12.03m	2.18m	14.03m x 200mm	23.0m <sup>3</sup>	1.9m <sup>3</sup>	11,400L
GT 280	277,000	60,839	12.71m	2.18m	14.71m x 200mm	26.0m <sup>3</sup>	2.0m <sup>3</sup>	12,900L
GT 290**	290,632	63,876	10.70m	3.23m	12.70m x 200mm	19.0m <sup>3</sup>	1.7m <sup>3</sup>	9,000L
GT 330**	328,096	72,109	11.36m	3.23m	13.36m x 200mm	21.0m <sup>3</sup>	1.8m <sup>3</sup>	11,400L
GT 370**	367,831	80,784	12.03m	3.23m	14.03m x 200mm	23.0m <sup>3</sup>	1.9m <sup>3</sup>	12,900L
GT 410**	409,860	90,157	12.70m	3.23m	14.70m x 200mm	25.5m <sup>3</sup>	2.0m <sup>3</sup>	13,500L
GT 500**	500,065	109,999	14.04m	3.23m	16.04m x 200mm	27.8m <sup>3</sup>	2.1m <sup>3</sup>	14,000L

Note: Allowance must be made for air gap and pipe work positioning to establish usable tank volume. The table provides necessary information on the area and the minimum volume of clean sand required to prepare your sand pad for your Pioneer water tank. Please note that tanks located in a high wind or cyclonic region may require a concrete ring beam.

**OTHER PIONEER TANK SIZES AVAILABLE UPON REQUEST. CONTACT US AT 1800 999 599 FOR MORE INFORMATION.**

