

INSTALLATION STEPS:



Level the ground which will form the base for your tank.

The base needs to be level in all directions.



The excavated hole should be square. The final hole size should be 5m x 5m for 4.3m(extended base) diameter effluent tanks and 4m x 4m for the 3.74m (std base) diameter tanks.



Add hard fill and compact with a compactor.

Compact to a depth of 100mm thick.



Add 7mm Granular Fines as bedding material - this should be 75mm thick and be levelled in all directions with a straight edge and level.

The base fines (cushion course) and base course, should be back-filled and contained around the base of the tank, (or higher where appropriate), to ensure all site preparation material stays firmly in place.

SITE PREPARATION:

The site loading of a full 25,000 litre tank is in excess of 30 tonnes.

This extreme loading requires particular care to distribute the load evenly across the site. Foundations must be 'good ground' in accordance with NZS 3604.

The site for your tank must be free of all solid objects (rocks, tree stumps, roots, etc) and be flat, level and firmly compacted and consistent across the tank base to allow the tank to sit evenly. A tolerance of 15mm is permitted over the entire site. This can be achieved by using a level and straight edge, laser level or similar method.

75mm layer of 7mm granular fines "PAP 7", Scoria Fines or similar is suitable.



100mm layer of hard fill - compacted "Blue Brown 40" or similar is suitable.

4.2m square base, levelled in all directions "Good Ground" in accordance with NZS 3604.

Aggregates are available from quarries throughout NZ



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All dimensions are nominal & subject to manufacturing tolerances.



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