

KPOLY TANK PAD PREPARATION

This guide for tank pad preparation should be followed to ensure a correct foundation is laid for your KPoly tank.

Damage to your tank due to failure or movement of the tank pad is not covered by our warranty.

Please keep in mind that 1000L of water weighs 1000kg, and this is a significant force. Soft ground may subside under the weight of a full tank.

The water tank pad preparation details outlined below employ slimline design polyethylene (poly) rainwater tanks.

All tank pads need to be flat and level with uniform compaction. **Pad level needs to be in range of +/- 1.0 degrees.**

CONCRETE PAD



A concrete slab pad is the most suitable base for your KPoly water tank. Construction of a concrete pad for a water tank needs a minimum of 100mm thick concrete and one layer of F72 mesh, on a flat level area.

If the tank is to be positioned in an area that is on a slope, then the thickness of the slab is to be increased and the mesh to be a higher grade.

Kingspan recommends a professional tank installer or plumber should install your tank.

Polyethylene tanks will expand when filled. Allowance for expansion is required when plumbing work is carried out.

The slab must be flat, smooth, and level with no more than a 1° slope.

All tanks come complete with a ball valve, stainless steel mesh strainer and a tank overflow fitting.

Please note, the following errors will void your tank warranty:

- The tank pad is undermined which can be due to uneven, soft surfaces, or if there is inadequate overflow length.
- The tank base is on top of uneven ground with insufficient tank pad preparation.
- The tank pad is undersized.
- Use of materials to create a tank pad that are not recommended in the guide (wooden sleepers, corrugated iron, etc).
- The tank has unsupported pipes installed.

Finish with a metal trowel is advisable.

Slabs must be large enough to support all edges of the tank and should be at least **100mm** longer and wider than the tank.

Slabs must be allowed to cure for at least five days prior to placing tank on slab.

This warranty will be null and void if:

- The tank is not installed in accordance with the company's installation procedures.
- The tank has been subjected to any form of misuse or any form of wilful or accidental damage
- The tank has been used for any other means than the collection of rainwater.



If you have any enquiries, please contact the team on **1300 736 562** or email **sales.au@kingspan.com**

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Registered Office: Kingspan Water & Energy Pty Limited, 3 Herbert Place, Smithfield, NSW 2164