



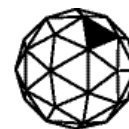
TRICEL

GENERATIONS OF INNOVATION

HORIZONTALLY SPLIT TANK ASSEMBLY INSTRUCTIONS

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Site Requirements.

To help ensure the smooth installation of your Tricel Water Tank and to activate your industry-leading warranty, we've outlined the essential site preparation, foundation, clearance, and warranty activation requirements. Following these guidelines will help avoid delays and ensure your tank performs at its best from day one.

1. Site Movement

- All tank components must be safely moved from the delivery or storage point to the immediate vicinity of the tank foundation before installation.
- Components should **not** be placed directly on the tank foundation.

2. Foundation Requirements

- The foundation (whether **flat screed concrete, steelwork, support walls, or pillars**) must be continuous across the entirety of the base and be **flat, level, and free from irregularities**.
- The surface should not vary more than **2mm over 1 metre** or **6mm over 6 metres**, as per **BS EN 13280:2001**.
- Structural aspects of the foundation must be **designed by a qualified Structural Engineer**.
- If the tank has an **externally flanged base, pier walls or raised supports** must be in place before installation.
- If the foundation is **unsuitable or incomplete**, the tank should not be erected, and rectifications carried out.

***Note:** Foundation issues are the most common site problem.*

3. Clearance Requirements

- Adequate clearance must be provided as outlined in the **Clearance Requirements** section of the **Base Details document** for your specific tank model.
- Inadequate space will result in restricted future access to fasteners should it be required.

4. Tank Testing

- The tank must be **filled to capacity for testing within 10 working days** of assembly, as per **BS EN 13280:2001**.
- Testing the tank is the **customer's responsibility**.

5. Warranty Activation

- To activate your warranty the tank must be **completely filled to capacity and tested within 10 working days** of assembly, in accordance with **BS EN 13280:2001**.
- Within **10 working days of assembly**, please send pictures of each tank compartment filled to capacity to: **aftersales@tricelwater.co.uk**.

6. Leak Rectification

- If leaks are found from the tank body within **10 working days of assembly** Tricel should be notified.
- If testing is **delayed beyond 10 working days of assembly**, the tank **must be re-torqued** before filling.

Liability Disclaimer:

- We **accept no liability** for any **consequential water damage** caused during testing.

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Assembly Steps.

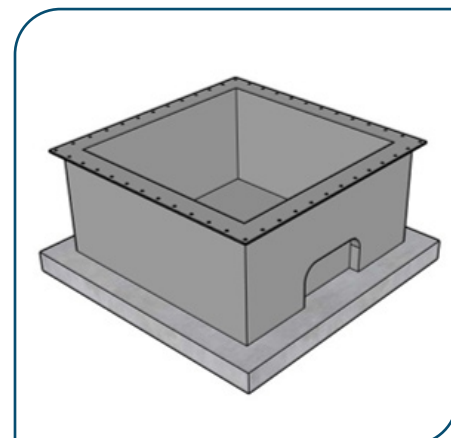
Step 1 & 2

All tank components must be safely moved from the delivery or storage point to the immediate vicinity of the tank foundation before installation.

- 1 Ensure the base support area is flat, level, free of projections or debris and capable of adequately supporting the filled tank.

Check that you have the correct number of fixing components i.e. nuts, bolts, washers, sealant and arboseal before proceeding.

- 2 Site the base section of the tank on the base support making sure it is correctly orientated for plumbing.



Steps 3, 4, 5

- 3 Ensure the flanges are free from grease and grit or other substance which may damage or prevent the flange sealant from sticking.

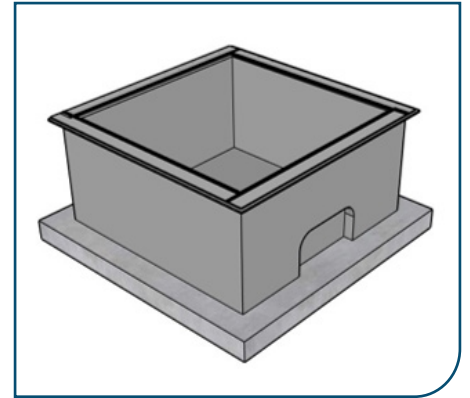
WARNING: The flange sealant is VERY adhesive so ensure it is aligned correctly before applying it to the flange. Remove paper backing as you progress along the flanges.



- 4 Make sure the flange sealant black strip is applied approx. 5mm from the inner edge of the flange, water side.

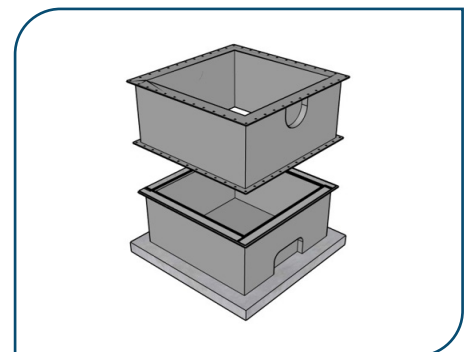
- 5 Apply sealing tape to flanges of base section overlapping the corners by approx. 30mm minimum.





Step 6, 7, 8

- 6** Check the orientation of the top end and place on top of the base section ensuring it is the correct way round to align the holes.
- 7** When the alignment is correct and BEFORE entering the bolts, carefully peel the backing paper out of the joint and remove completely. It may help the process if the top is partially supported during this operation.
- 8** A podger/screwdriver may be used to align the bolt holes by pushing it through the top flange hole, through the flange seal and through the lower flange hole.



A bolt may be pushed through to hold it in place while the other holes are located. It is recommended that all bolts are pushed through before final tightening begins.

Ensure all bolts are arbosealed.

Representation of the nut and bolt arrangement with the arboseal wrapped around under the washers.

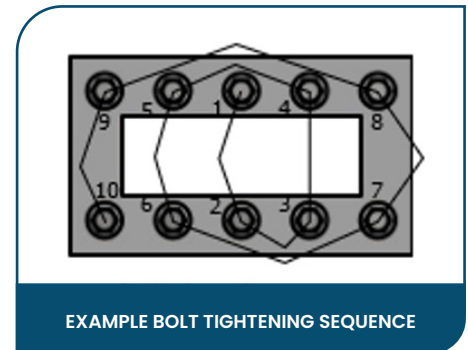


Bolt tightening sequence.

After all the nuts have been spun onto the bolt by hand you may begin tightening sequentially from the first bolt to its diagonal opposite and continue in a clockwise/anticlockwise direction.

- First time lightly pinch with spanner.
- Second time round apply 30% torque
- Third time time round apply 60% torque
- Fourth time round apply 100% torque

Recommended Torque 40Nm (30lb/ft)



Step 9 & 10

- 9** Apply foam sealant to the top of the fitted section, overlap in corners as per previous instruction.

- 10** Place the lid section on top.

A podger/screwdriver may be used to align the bolt holes by pushing it through the top flange hole, through the flange seal and through the lower flange hole.

A bolt may be pushed through to hold it in place while the other holes are located. It is recommended that all bolts are pushed through before final tightening begins.

