

# Assembly Instructions for Two Piece Tanks



*The tank will arrive with the 2 sections assembled with only 1 No fixing in each corner of the joint flange. Remove the corner fixings to allow positioning of the tank.*

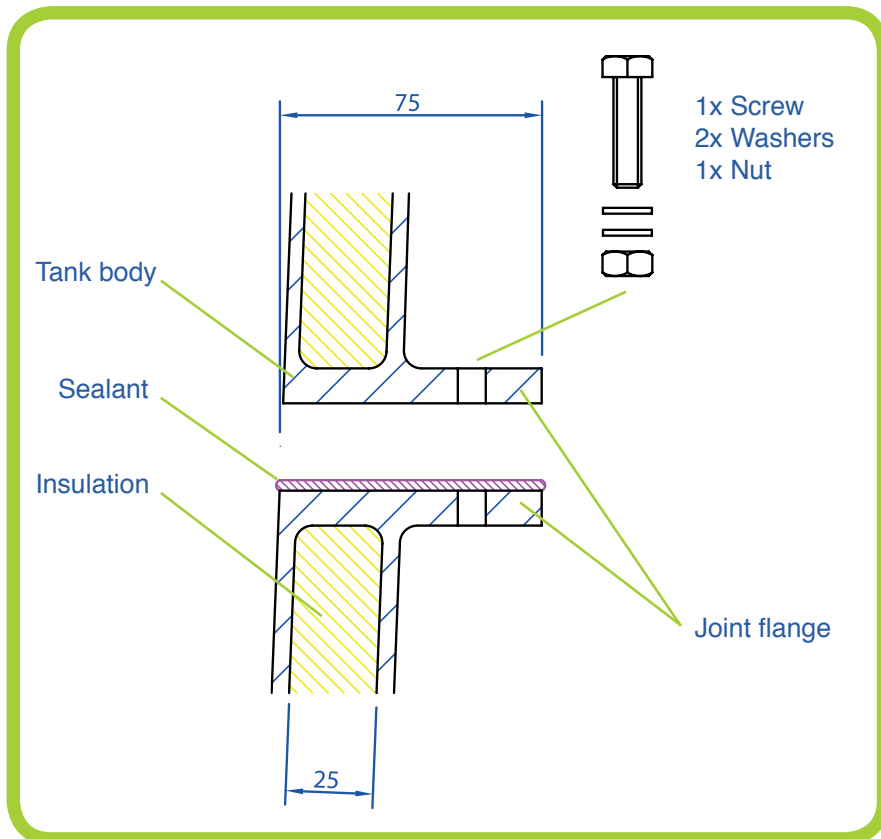
All sealant and fixings for assembly are packaged and contained inside the tank.

- 1) Ensure that the foundation on which the tank is to be positioned is suitable for the application and is within the tolerances stated on the Conditions of installation sheet which was provided with the original quotation. It is essential that debris or similar foreign materials are NOT present on the foundation before the lower section of the tank is positioned.
- 2) Having removed the upper section c/w lid from the base section of the tank, position the lower section onto the foundation.
- 3) Ensure that the joint flange is clean, dry and free from any debris or material of any kind.
- 4) Take the sealant provided and position centrally onto the surface of the joint flange. It is ESSENTIAL to fit the sealant with the butyl (black) face down. Where the sealant is to be joined at for example the corners, the overlaps should be no greater than 10 – 15mm.
- 5) Carefully position the upper section of the tank onto the lower section, ensuring that the holes on the flanges are correctly aligned. A FLAT will be evident on one of the corners of the joint flange, it is essential that these align. If they do not align the upper section is NOT orientated correctly on the lower section.
- 6) Place the fixings through the holes in the joint flange from above and secure using the washers and nuts provided. It is essential that washers are used on both top and bottom flange.
- 7) Where tanks are fitted with an internal division it is essential that the STAINLESS STEEL fixings are used for the division joint flange as these will be in contact with the water.
- 8) Once all of the fixings are in place carefully tighten working from one corner clockwise around the tank until all fixings have been tightened. DO NOT OVERTIGHTEN AT THIS STAGE.
- 9) Repeat stage 8 twice more increasing the tightness each time until tight. The joint flanges do not need to be tightened to such a degree that they touch. A typical gap should be 2 – 4 mm.
- 10) Fit the tank lid ensuring that it is correctly orientated and secured using all of the fixings provided. The lid is a structural component and must be fitted and correctly secured at all times when water is contained within the tank.

Do not be concerned if the sealant extrudes on the outside and inside of the tank, or if it emits cracking or popping noises as this is normal.

If whilst carrying out the operation there are any concerns or advice is required please contact Purewater Storage Ltd on 0121 323 4000.

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## General Specifications:

- Two piece joint flange adds 150mm to the internal length and width dimensions of the tank.
- Each section is normally half the height of the modified internal dimensions of the tank.
- Joint flanges are sealed using Butyl sealant.
- Sections are fixed using M8x40 plated set screws, nuts and washers.
- Sealant and fixings are supplied with the tank.
- The details shown here relate to tanks with 25mm insulation only.

