

FRTA30-FRP Tank Adapter Installation

For 1000- through 2000-Gal. (3785-L through 7570-L) Orenco® FRP Tanks

Before You Begin

Watertight seals are critical for proper system operation. For installing PVC access risers, see [PVC Access Riser Installation \(NIN-RLA-RR-1\)](#).

The tank access dimensions for Orenco's 1000-, 1500-, and 2000-gallon tanks (2000-, 3785-, 5678-, and 7570-L) are identical.

Step 1: Prep Bonding Surfaces

Step 1a: Roughen the bonding surfaces on the adapter and the tank opening with sandpaper or an abrasive pad.

Step 1b: Use a clean rag and acetone or alcohol to clean the bonding surfaces on the adapter and the tank opening.

- Let the acetone or alcohol dry completely.

Step 2: Apply Adhesive

Apply methacrylate adhesive to the bonding surface on the tank. The adhesive bead should be at least 5/8-inch (16 mm) thick.

Step 3: Install Adapter

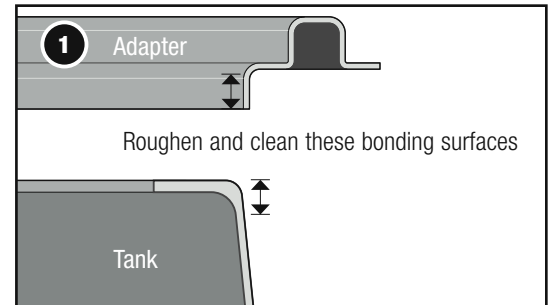
Step 3a: Install the adapter.

- Press the adapter onto the tank opening.
- Square and level the adapter to the tank opening.

Step 3b: Fill the seam between the adapter and the tank with adhesive.

- Fill any voids with additional adhesive.
- Use a tongue depressor or putty knife to make a smooth, continuous fillet over the seam.

Step 3c: Wait for the adhesive to fully cure before installing an access riser on the adapter.



Prep for 1000-2000-gal. installation (cutaway view)



Installation for 1000-2000-gal. tank (cutaway view)