

# Installing RRFTA30 Tank Adapters

## 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.

### Step 1. Drill Anchor Holes

**Step 1a.** Center the tank adapter on the tank opening.

**Step 1b.** On the perimeter of the adapter flange, drill 12 evenly spaced holes through the flange and into the concrete.

- Use a 1/4in (6mm) masonry drill bit.
- Drill the holes a minimum of 1/2in (13mm) in from the perimeter and 1-3/8in deep (35mm) into the concrete.

**Step 1c.** Remove the tank adapter and clear any debris out of the anchor holes.

### Step 2. Prep Tank Adapter

**Step 2a.** Clean the bottom of the adapter with a clean rag and acetone or alcohol to prep the surface.

**Step 2b.** Apply strips of butyl tape around the underside of the adapter, just inside of the perimeter of the drilled holes.

- Overlap the ends of the butyl tape strips to help avoid leakage.

### Step 3. Prep Concrete Anchors

Thread the nuts onto the concrete anchors until the nuts are flush with the ends of the anchors.

- This protects the threads on the anchors when they are driven into the holes.

### Step 4. Install Tank Adapter

**Step 4a.** Drive the anchors into the anchor holes until they bottom out in the holes.

- Drive the anchors straight into the holes. It's easy to damage the anchors or ruin the anchor holes if the anchors aren't aligned correctly.

**Step 4b.** Remove the nuts from the anchors.

**Step 4c.** Align the drilled holes in the adapter with the concrete anchors and place the adapter on the tank.

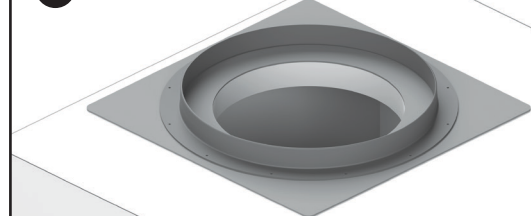
**Step 4d.** Install washers on the anchors.

**Step 4e.** Reinstall the nuts on the anchors and hand tighten the nuts.

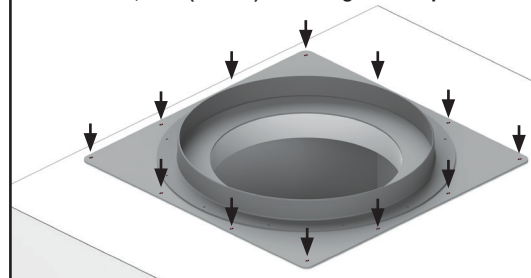
**Step 4f.** Tighten the nuts enough to thoroughly compress the butyl tape.

- Use an alternating tightening pattern to tighten the nuts evenly and to provide the best seal.
- Don't strip out the nuts or break the concrete anchors.

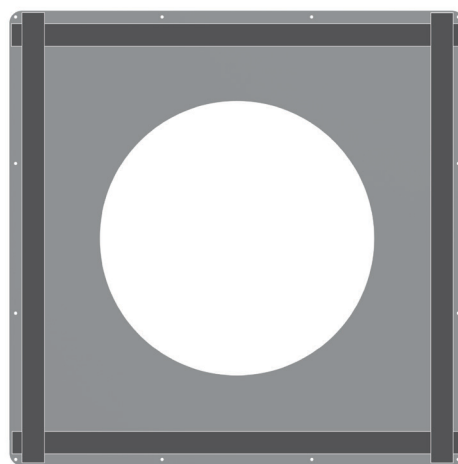
**1a** Center the adapter on the tank opening.



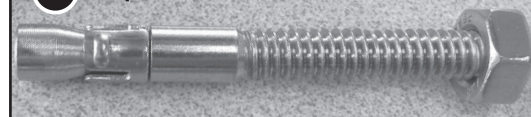
**1b** Drill 12 holes through the adapter into the tank, 1/2in (13mm) from edge of adapter.



**2b** Apply tape to underside of adapter.



**3** Prepare each concrete anchor.



All product and performance assertions are based on proper design, installation, operation, and maintenance according to Orenco's current published documentation.