

TB 265-14

Cisterns/Rainwater Tanks-Bulkhead Fitting Installation-

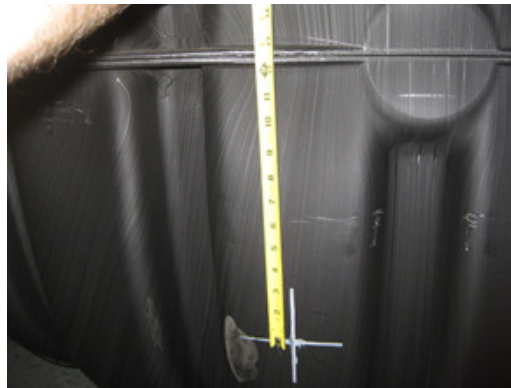
Product: Roth MultiTank

Date: September 22, 2014

This Technical Bulletin provides instructions for installation of bulkhead fittings in Roth RMT tanks for rainwater harvesting/potable water storage applications.

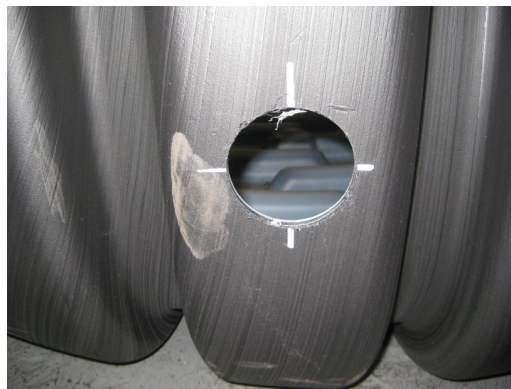
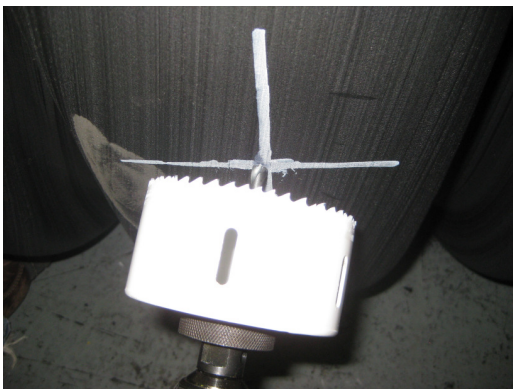
1) Opening location-

The lowest practical location for installing a tank interconnecting point is 12 to 13 inches below the lateral rib or vertical centerline of the tank. The widest rib section available is the end of the tank, either side of the tank centerline. Mark the elevation of the opening centerline and center on the rib section.



2) Cut opening-

Select a hole saw that is slightly larger than the diameter of the bulkhead fitting hub. Bulkhead fitting manufacturer may specify hole saw size for the specific fitting. De-burr the opening to insure a clean gasket seating surface.



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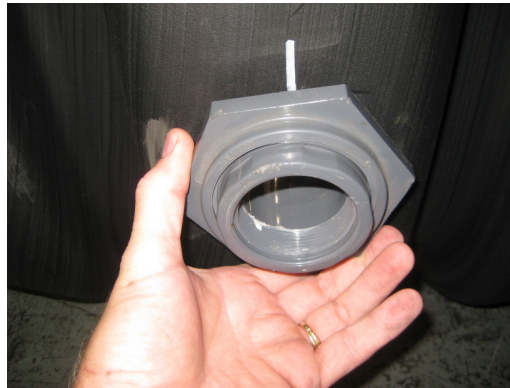
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3) Install Bulkhead Fitting

Insert bulkhead fitting hub with gasket into the opening from inside of the tank. Install the fitting nut on the outside of the tank to the fitting manufacturer's specifications.



Notes:

-Take care in bedding and compacting fill around interconnecting piping to protect against damage from settling.

-Install partial compacted backfill around the tank up to the elevation of the fitting then add water to the tank to test fitting for leaks.