

EARTHSAFE POLYMER D10 INSTALLATION PROCEDURE

Excavation dimensions:

~ Depth 1980mm ~ Width 2600mm ~ Length 4900mm ~

In simple terms, the installation procedure for a polymer Earthsafe D10 is as follows (after the excavation is done and a level sand bed formed):

(Consult full installation manual ~ www.ecowatertreatment.com.au)

1. Remove top tank lid off the tank stack, and with an excavator/crane etc, separate the tanks. (**Lift at four points on the tank**)
2. Remove access cover from inner tank, and take out all pipework and components needed for installation.
3. Screw the inlet and outlet junctions to the primary tank and lift it into the excavation to sit firmly on the sand bed with the outlet facing the length of the excavation. (*See photo 1*)
4. Fit the supplied short pipe stubs into the outlet junction of the primary tank and inlet of the second tank, and glue in place. Slip the rubber coupling loosely over one of them. (*See photos 2 & 3*)
5. Lift the secondary tank into position in the hole and connect to the flexible coupling ensuring both tanks are straight in line with each other. (*See photo 4*)
6. Fit the sludge return 25mm PVC pipes in place in the top of the primary tank (*see instructions*) and silicon the tank lid on. Secure it with screws provided. (*See photo of sludge return pipes in tank – photo 5*)
7. Fill the anchor pipes with sand and cap them. Hang the anchor pipe ropes from the tank ribs and fit anchor pipes. (*See photo 6*)
8. **Fill the central yellow chambers with water FIRST (important)** and then **fill the tanks with water** and backfill the excavation (*see instructions*). (*photo 7*)
9. Fit the irrigation pump (*see instructions*).
10. Fit the polymer control box on top of the secondary tank lid (over the inlet) and secure with screws. Fit the air pump into the box and the irrigation pump into the central tank chamber. Connect the electrical air pump, irrigation pump and high water float leads (*see instructions*). (*See photos 8 & 9*)
11. Fit the irrigation line between the tank outlet and a suitable dispersal area.
12. An electrician must make an appropriate electrical connection (see instructions) to the control box from the power supply.
13. A licensed drainer must make a drain line connection to the primary tank inlet connection (furnco coupling).