

# **LAMINA FILTERTRAP**

## **INSTALLATION GUIDE**

### **Filtertrap specification**

The standard duty tank is suitable for installation where any ground water table never rises above the base of the tank. Special duty tanks are available for wet areas.

It is recommended that all Filtertraps are installed into traffic free areas. When installed into a traffic area an adequate cover and concrete surround must be designed to prevent imposed loads being transmitted to the tank. All grease traps must be installed upstream of any foul sewage inlet. If a Macerator or Garbage Grinder is to be installed, we recommend that the waste from it should enter the drain run down stream of the Filtertrap.

### **Handling and storage**

The contractor is responsible for the offloading of the tank and any accessories. The tank should be lifted carefully, use straps if necessary not chains or wire ropes. Do not lift any tanks which contain water. Store the tank in a secure area on soft level ground protected from strong winds and vehicles.

### **Installation procedure**

- Installation should be conducted in accordance with health and safety regulations, good building practice and any local regulations.
- Excavate to the tank dimensions plus an extra 150mm to each side and under the tank for concrete. Level the bottom of the excavation.
- Maintain a completely dry excavation until the concrete surround has set.
- Pour the base concrete into the excavation and level.
- Position the tank in the excavation and align the pipes, ensuring the higher, inlet pipe is at the upstream end. Connect the pipes from the tank to well clear of the excavation and seal the ends to allow the internal water level to rise to the top of the tank whilst pouring the concrete. Allow initial set to base concrete.
- Commence backfilling around the tank in one metre lifts with drymix concrete at the same time commence filling the tank with clean water, ensuring the levels of concrete and water remain equal at all times. Allow initial set between lifts. Excessive pressure from either the water or the concrete will cause the tank to distort or fail. Use only minimal compaction to remove voids. Continue backfilling until 150mm of concrete surrounds the tank.
- Position the hoist socket if necessary, ensuring the lifting wire drops down the centre of the tank.
- After the concrete has cured, remove pipe stoppers to let the water level drop to the outlet pipe level. Install the collection tray or filter chamber assy. and replace the cover.

**Further information can be had by calling:-**

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