

## **Vehicle Wash Silt Trap.**

### **Off-loading/handling**

The contractor is responsible for off-loading.

The tank must be handled with care to prevent accidental damage from impact or contact with sharp objects. Use web slings NOT chains for lifting. Do not lift with water in it.

### **Storage**

Set tank on smooth ground free of bricks and sharp objects.

### **Installation**

The SPEL VW silt traps are designed to be installed where the grating is at ground level.

The installation procedure is as follows:

1. Excavate allowing for a minimum thickness of concrete around the tank of 150mm.
2. Ensure the base of the excavation is stable ground or excavate to allow for 200mm of hardcore and cover with a polythene membrane prior to placing concrete.
3. Ensure the excavation is dry or dig a well in the corner of the excavation and pump water away.
4. Pour the concrete base slab, level off and allow to set.
5. Insert the tank, check inlet/outlet levels and position the grating onto the top flange.
6. Fill the tank with water to the outlet.
7. Backfill with concrete to half the height (500mm) and consolidate by hand. Do not use vibrating pokers. Allow to set.
8. Complete the backfilling with concrete up to the underside of the top tank flange.  
IMPORTANT – Ensure the flange is completely supported so that vehicle loadings are transferred from the grating through to the concrete surround.