

Vehicle wash installations, especially with underbody washing facilities send large volumes of dirt and grit down the drainage system causing blockages.

### SPEL vehicle wash silt trap ST800/5 and ST800/12

Whichever type of vehicle washing installation, the SPEL vehicle wash silt trap is essential to solve this problem. Dirty water flows directly into the VW silt trap where the sludge and grit settle out prior to the water passing through the high level outlet to the drainage system.

Moulded in glass reinforced plastic (GRP) it is easy to handle, robust and corrosion proof. The heavy duty, hot dipped galvanised gratings comply with slow moving wheel load bearing requirements for FACTA Class B and D gratings up to 5 and 11 tonnes.



Large volume to contain sludge and grit.  
Prevents blockage of drains.  
Simple and quick to install.  
Heavy duty galvanised hinged grating.

For ease of access and to empty the VW silt trap the grating is hinged and held open with an integral stay. Sludge can then be removed manually or by tanker.

### 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.