

EnviroPod Cesspit Filters

(Stormwater Treatment)

Technical Guide SW 16

Designed to be easily fitted into cesspits to remove a significant portion of litter, debris, sediment, and pollutants generated in the built environment.



08.24 | STORMWATER | SW16 ENVIROPOD CESSPIT FILTER

Applications

Construction sites for the removal of sediments and pollutants to meet consent requirements

As an inline treatment train or as pre-treatment to filtration systems and wetlands

Roads, carparks, industrial, commercial properties, ports and airports

Product Attributes

Captures gross pollutants, suspended solids, and particulate bound materials such as heavy metals, oil, grease and nutrients

High treatable flow rate, and bypasses high flows during peak storm events

Prevents blockages and can help reduce maintenance on downstream stormwater infrastructure

Approvals/Standards

Independently tested by Auckland University, NZTA, Auckland Council, Tauranga City Council, University of South Australia

Quality

ISO 9001:2008 Quality Management

We are the supply partner of choice for New Zealand's stormwater management and treatment solutions.

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Designed as an easy low cost solution to sites and environments that require the removal of sediments, gross pollutants and a reduction of particulate bound heavy metals, oils and grease from entering into the downstream stormwater or waterways.

Design and sizing

The EnviroPod consists of a supporting galvanised steel framework, plastic inflow seal, internal bypass, and a filter bag.

The EnviroPod offers various geotextile or nylon filter bag sizes for removal of particle sizes from 100 microns to 200 microns. These bags are site specific depending on the pollutant control from each site.

Installation

Ensure all Traffic and Health and Safety precautions are followed and the working environment around the cesspit is safe.

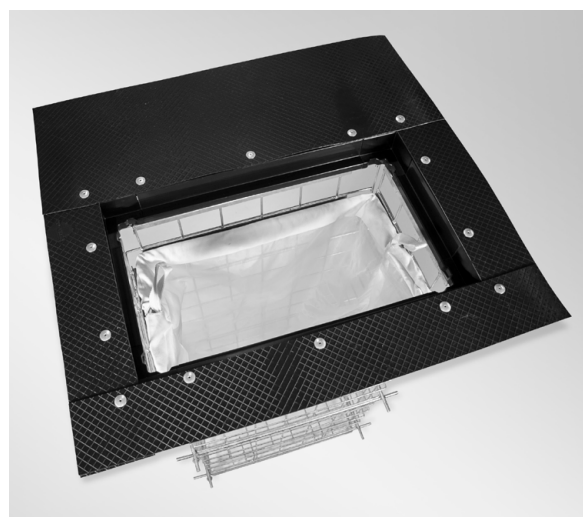
1. Open cesspit grate and measure depth of pit.
2. Loosen screw handles and extend cage base to required height.

Note: the top of the filter bag must be above the top of the cesspit outlet pipe. If the cesspit has a roadside kerb entry opening, the top of the filter device must be below the opening on the inside of the pit.

3. Ensure there are no large objects in the base of the cesspit, and that the floor is of relatively flat.
4. Place the EnviroPod filter bag (*threaded on stainless steel ring*) into the cesspit, ensuring the ring sits firmly on the ring support ledge.
5. Lower EnviroPod into the cesspit until firmly resting on the base.
6. Ensure plastic flaps are sealing all the way around the cesspit wall and there are no gaps.
7. Replace the cesspit grate and close, and restore the area to its previous clean condition.

Unit	Cesspit Plan Area Dimensions (mm)	Weight (kg)
Enviro Pod 200 micron	675mm x 450mm	20
Enviro Pod 200 micron	450mm x 450mm	18

Note: Different bags (pore size) are available and are sold separately.



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