

CONSTRUCTION POD

Introduction

The ConstructionPod is a removable, adjustable catchpit insert. It is developed to be placed in a catchpit downstream of where a contractor is performing minor works. It can also be used as a secondary form of treatment in conjunction with traditional treatment such as a silt fence or pond during major works.

Geotextile or nylon micron-rated Enviropod filterbags are available and are extremely effective at removing fine sediments, flakey paint and other construction related debris. ConstructionPods are monitored and maintained by contractors on site.

Installation

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

- Open catchpit grate and measure depth of pit (1).
- Loosen screw handles and extend cage base to required height (2). Note that the top of the filterbag must be above the top of the catchpit outlet pipe.
- If the catchpit has a roadside kerb entry opening, the top of the filter device must be below the opening on the inside of the pit.
- Ensure there are no large objects in the base of the pit, and that the pit floor is of relatively flat grade.
- Place the Enviropod Filterbag (threaded on stainless steel ring) into ConstructionPod, ensuring the ring sits firmly on the ring support ledge.
- Lower ConstructionPod into the catchpit (3) until firmly resting on the base and ensure rubber flaps are sealing all the way around the pit wall and there are no gaps (4). Replace the steel catchpit grate and close (5).

(1)



(2)



(3)



(4)



(5)



Maintenance

All Traffic Control and Health & Safety measures must be in place prior to maintaining the ConstructionPod. The following steps should then be followed:

- Clear any debris off the top of the catchpit grate and kerb entry (if applicable). Lift and remove catchpit grate from pit.
- If the filter is clogged, brush the sides of the filter with a yard broom or similar. This will dislodge particles trapped at the interface allowing contained water to flow through the filter.
- Either remove contents of the filterbag using a vacuum inductor truck, or lift filterbag and ring vertically out of cage, taking care not to apply sideways pressure on to cage, to prevent ripping of the filterbag.
- Dispose of filter contents in an appropriate manner, depending on material.
- The filterbag is taken off the ring by pulling catch open and sliding the bag off. The nylon bag is then washed using a double cold wash, or if a geotextile bag is used, it is disposed of appropriately.
- A clean filterbag is threaded onto the ring and lowered back into the Construction Pod cage ensuring the ring sits firmly on the ring support edge.
- Ensure that the rubber flaps are sealing all the way around the pit wall and there are no gaps. Replace steel catchpit grate and close.

It is essential for longevity of the filterbags that they are maintained frequently, and that they are emptied when they are approximately 1/3 full.

(1)



(2)



(3)



(4)



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