

silt management - silt traps

For Modular Attenuation & Soakaway Systems

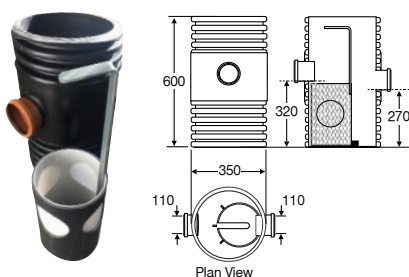


Why we need to install these systems ?

Over the last 15 years we have seen a huge increase in the amount of modular/crate type systems and even though these systems have developed significantly, there is still 'no real solution' to the issue of ingress and indeed the removal of silt and sand from these systems. So the 'answer' is to install a suitable Silt Management System upstream of the attenuation or soak-away system.

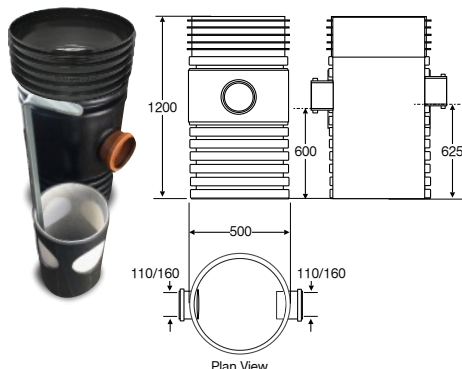
Failure to install some form of suitable silt management system/silt trap will without doubt mean that the sustainability of the attenuation system is 'dramatically reduced' and in some smaller volume attenuation and soak-away crate systems this could mean that the system would need to be replaced with 2 to 3 years if the silt is allowed to ingress into the system. Dependant on the product used, this will either prevent some of the silt passing into the crate system or indeed prevent all the silt going into the system.

Our silt sentinel range of 3 very effective Silt Traps have been designed to be installed upstream of crate modular attenuation systems.



Silt Sentinel 300 series is a small heavy duty silt trap with a removable filter basket under the inlet that will catch the silt in the flow. This product is ideal to locate in the surface drainage runs, between the downpipe and the connecting manhole before the attenuation system. This silt trap will only prevent silt entering the system if the filter bucket and sump is cleaned out regularly but is our most popular selling silt trap.

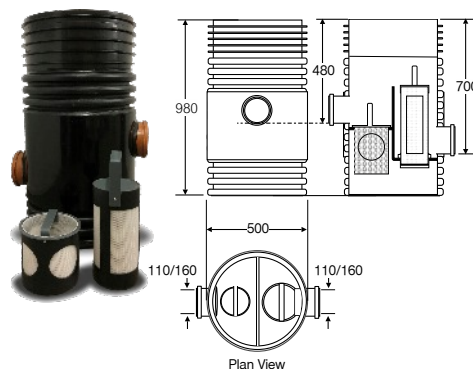
The 300 series comes with 110mm pipework as standard and like all of our silt traps is manufactured from HDPE twinwall which can be installed in as dug or granular surround unlike most other silt traps in the market.



Silt Sentinel 500 series is a heavy duty silt trap with the option of a removable filter basket that sits under the inlet that will catch the silt in the flow. This product is ideal to locate at the base of larger down pipes on industrial buildings or as the smaller 300 series unit, located in the surface drainage between the down pipes and the connecting manhole before the attenuation system. This product will only prevent silt entering the system if the filter bucket and sump is cleaned out regularly but is our most popular selling silt trap.

The 500 series unit comes with the option of 110mm or 160mm pipework and like all of our silt traps is manufactured from HDPE twinwall which can be installed in as dug or granular surround unlike most other silt traps in the market.

The invert of this unit can be extended if necessary but we recommend that this is no more than 300mm for access and maintenance purposes.



Silt Sentinel Filter trap is an advanced heavy duty Silt Trap which is designed in such a way that it can catch and trap up to 99% of the silt in the flow. This is because as well as the primary silt basket the filter trap has a secondary fine screen filter which will filter out much finer silt and sand that might pass into the system. This product is designed to be installed in line before or as the last manhole before the attenuation system.

It comes with 160mm en1401 pipework as standard but has the option of 150 or 225mm twinwall pipework if required. Again like all of our silt traps the filter trap is manufactured from HDPE twinwall which can be installed in as dug or granular surround unlike most other silt traps in the market.

The invert of this unit can be extended if necessary but we recommend that this is no more than 300mm for access and maintenance purposes.



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