RIDGISTORMSeparate Silt Traps

PRODUCT INFORMATION

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ISSUE 1 - MAY 2016

Located upstream of retention, attenuation and infiltration drainage systems, RIDGISTORMSeparate Silt Traps capture, retain silt and separate out other particles by encouraging settlement in the sump, preventing ingress into sustainable drainage systems (SuDS). This range of small diameter silt traps are standard stock items and are readily available.



Mini silt trap Product code: PSMST110



Basic silt trap Product code: PSMST160



Advanced silt trap Product code: PSMST160/15

Key Features and Benefits

- Improves water quality by removing silt, grit and litter, protecting downstream elements of the drainage systems
- Prevents the ingress of debris, silt and litter into a structure
- Multiple inlet and outlet options, supplied with integral sockets as standard allowing quick and seamless connection to pipeline
- Depths can be tailored to suit project requirements
- Plastic or lockable steel covers available from Polypipe Building Products

Applications

For use in stormwater drainage systems typically located upstream of retention, attenuation and infiltration drainage elements to protect the ingress of silt and other particles.

Other fabrications in our RIDGISTORMSeparate range:

- Catchpits
- Filter Chambers

RIDGISTORMSEPARATE SILT TRAPS			
PHYSICAL PROPERTIES	MINI	BASIC	ADVANCE
Nominal diameter	320mm	460mm	460mm
Depth	600mm	1220mm	830mm
Inlet and Outlet	110mm (BS EN 1401-1)	160mm (BS EN 1401-1)	160mm (BS EN 1401-1)
Sump depth	250mm	420mm	280mm
Material	Polypropylene	Polypropylene	Polypropylene
Colour	Black chamber	Black chamber	Black chamber
Chemical resistance	Polypropylene is resistant to the most chemicals associated with stormwater drainage systems	Polypropylene is resistant to the most chemicals associated with stormwater drainage systems	Polypropylene is resistant to the most chemicals associated with stormwater drainage systems

RIDGISTORMSEPARATE SILT TRAPS ASSOCIATED PRODUCTS			
PRODUCT	DESCRIPTION		
PVC 320mm cover & frame (round)	320mm sealed screw down cover & frame, includes seals and fixing screws		
PVC 320mm cover & frame (square)	320mm square plastic cover with PP frame, includes seals and fixing screws	UG502	
460mm silt trap cover & frame (round)	Round cover complete with seals and fixing screws (35kN test load)	UG511	
450mm silt trap cover & frame (square)	Square PP cover complete with seals and fixing screws (35kN test load)	UG512	
Polypropylene cover & frame	Reduced access square PP cover and frame with seals and fixing screws (35kN test load)	ICDC1	
Chamber riser section	Silt trap side riser (215mm effective height)	ICDR1	
Silt trap sealing ring	EPDM 110mm seal	UG488	



Note: Polypropylene (PP)

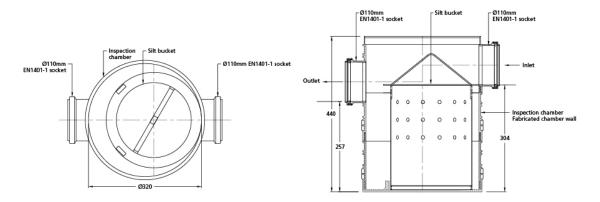


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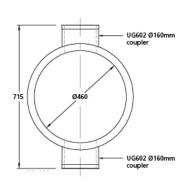
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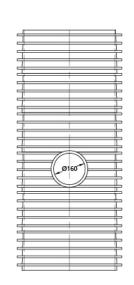
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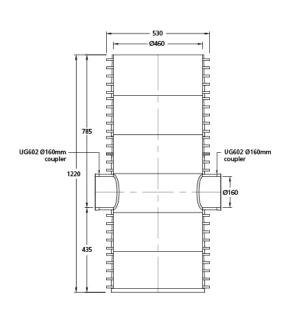
Mini Silt Trap



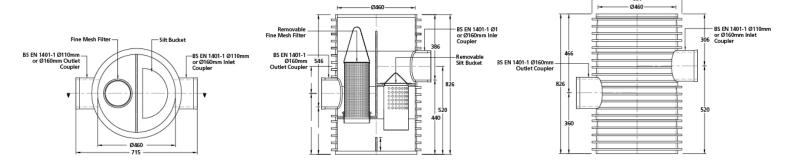
Basic Silt Trap







Advanced Silt Trap



For further information please contact our Technical Team on +44 (0) 1509 615100 or download our CAD Standard Details from our website www.polypipe.com/toolbox

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