



SS500 range



SILT SENTINEL
BUILT FOR SILT

DATA SHEET

MODEL: **SS500160HD**

MODEL: **SS500225HD**



OVERVIEW

The Silt Sentinel Range has been designed for the catchment and removal of silt and debris from the run off from impermeable and hard standing surface areas, such as: roofs, path and driveways, patios, car parks, roads and highways. Installation of a Silt Sentinel as part of a SuDS design, will provide effective primary treatment for the surface water run off, improving water quality downstream and in turn, helping prevent flooding.

APPLICATION

The SS500 Range is designed for installation upstream of medium to large volume, cellular/crate – attenuation systems, ponds, swales and irrigation systems.

DESCRIPTION

500mm diameter, factory built units, delivered to site ready to install. Both units feature a robust, impact resistant, rota moulded body and come with twinwall access shafts fitted. With a choice of either \varnothing 160mm EN 1401 or \varnothing 225mm twinwall pipework.

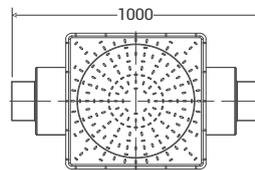
Integrally there is fitted basket under the inlet to trap silt, the basket is fitted with three circular screens, which help remove debris that may enter the unit.

Both models are supplied as standard with a square section access cover, which has an A15 loading, with an internal restriction of \varnothing 350mm. This is a mandatory requirement in the new Design and Construction Guidelines (DCG). The cover also acts as a debris cover/guard during construction. If it is not required due to the A15 loading, the access cover can be used on other \varnothing 450mm inspection chambers.

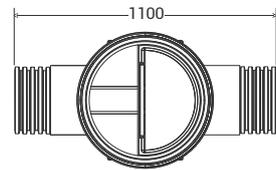
Note: In this model the basket/silt trap is not removable, due to the restricted access. However, it can be accessed for cleaning and maintenance.

KEY FEATURES

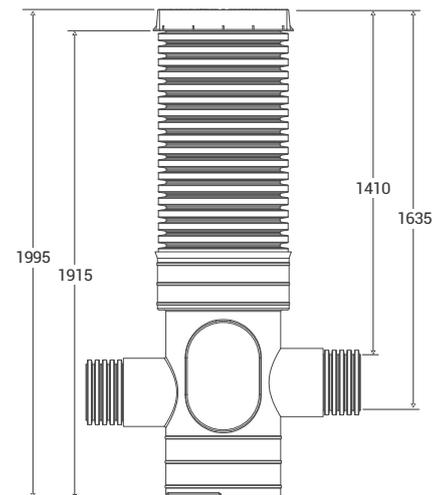
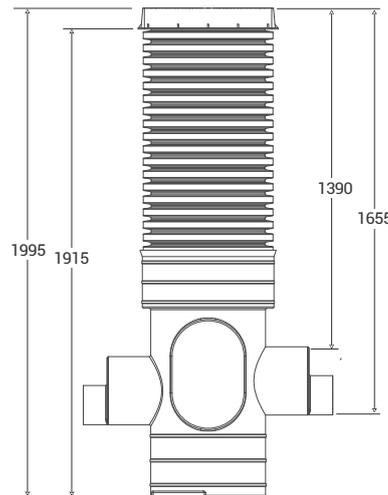
- Two models available with two pipework connections \varnothing 160mm EN 1401 and \varnothing 225mm pipe connections
- Adaptors available to fit other pipework
- Robust, impact resistant - rota moulded base
- Delivered ready to install, reducing installation time and costs
- Rigid twinwall shaft - can be installed in granular back fill
- Shaft is easily trimmed to required invert
- Integral silt trap with integrated debris screens
- Easy maintenance
- Chemical resistant
- Supplied with square section - A15 loading access cover with \varnothing 350mm restricted access to comply with DCG
- 60 year Design Life
- Manufactured in the UK



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PRODUCT CODE	WORKING CAPACITY Litres	BASKET STORAGE CAPACITY Litres	BASKET WEIGHT FULL kg	INLET PIPEWORK \varnothing mm	OUTLET PIPEWORK \varnothing mm
SS500HD	60	23.5	25	225	225

