

## Models: SS500160 & SS500225

### OVERVIEW

The Siltguard range is designed for the catchment and removal of silt and debris from runoff generated by impermeable and hard standing surface areas, such as roofs, paths, driveways, patios, car parks, roads, and highways. Installing a Siltguard as part of a Sustainable Drainage Systems (SuDS) design will provide effective primary treatment for surface water runoff, improving water quality downstream and enhancing the sustainability of downstream attenuation systems.

### APPLICATION

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

### DESCRIPTION

This factory-built unit, arrives at your site ready for seamless installation. Constructed with a robust, impact-resistant rotomoulded body, it features moulded pipe spigots that accommodate 160 mm EN 1401 pipe fittings, with an optional upgrade for Ø225 mm twin wall pipe connections (see Model: SS500225).

A key feature of this unit is the removable silt basket located under the inlet. This basket includes a specially designed moulded handle for convenient lifting and is fitted with three circular screens that effectively filter out debris. Weighing 25 kilos when full the filter basket is manageable for one person, enhancing ease of use.

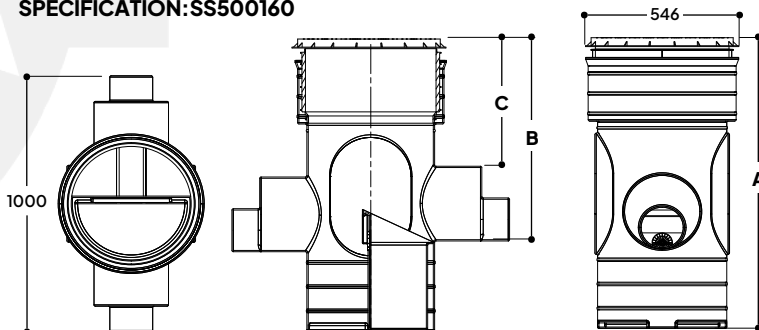
Furthermore, the unit comes standard with an A15 loading circular access cover. To accommodate various installation depths, extension risers (Product Code 500ER) can be utilized, as outlined in the additional information provided.

### FEATURES

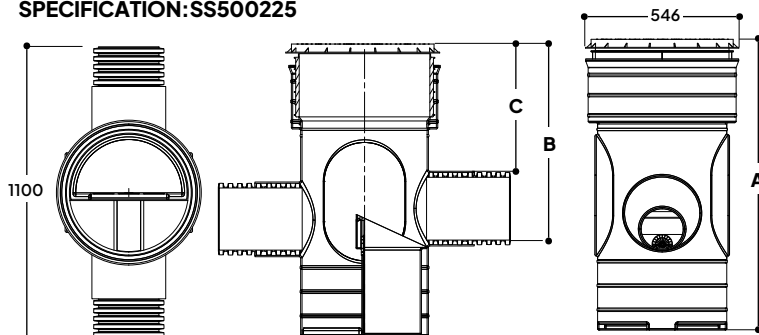
- Single-piece units come ready to install, minimizing installation time and costs.
- Provides significant on-site savings compared to PCC and traditional methods, requiring no construction or wet trades.
- Waste from in-situ construction is eliminated.
- Made from rotomoulded LLDPE, the base is chemical and impact resistant.
- Features moulded Ø160mm EN 1401 spigots, with an option of Ø225mm twinwall.
- Includes a removable filter basket with integrated debris screens, weighing 25kg when full for easy lifting.
- Optional extension risers allow for deeper inverts, with an effective height of 235mm.
- Comes with an A15 loading circular access cover, with B125 covers available.
- Simple maintenance.



### SPECIFICATION: SS500160



### SPECIFICATION: SS500225



Product Code	Main pipework Ø	Depth A mm	Inlet invert B mm	Cover Depth C mm	Approx Weight kg
SS500160	160	1080	740	480	19
SS500225	225 twinwall	1080	720	480	21

### OPTIONS



#### 500ER

Extension riser plus seal to increase invert depth. Each riser offers an effective height of 235mm



#### 450ACSB125W

EN124 - B125 load 450x450mm square section, ductile iron access cover.