

Introduction

The SILTBLOK range features a 100% recycled block (BLOK). This BLOK is installed into our rotational moulded chambers forcing all flow through the BLOK before reaching the outlet, filtering out Total Suspended Solids (TSS) including silt up to 30µm (0.03mm).

The unique BLOK filter is manufactured using a 100% post consumer recycled thermoplastic material, which consists mostly of recycled plastic bottles. This is then formed into the macro porous/micro porous block or (BLOK).

As well as being carbon friendly by using recycled materials, the main filtration system supports the overall manufacturing cost of the product, which ensures the SILTBLOK range is extremely effective as well as being competitively priced.

The BLOK filter separates the Silt /TSS within the flow, allowing the filtered surface water to pass through its matrix. The BLOK will not blind, deteriorate or corrode and so offers unrivalled performance and a totally sustainable solution that with prescribed maintenance lasts for up to 50+ years.

To enhance the sites pollution control and help prevent the discharge and the migration of Silt and TSS from the properties into the main drainage system during construction and post construction phases, we recommend you install a SILTBLOK unit.

MODEL: SB300TE

Application

The SILTBLOK SB300TE is designed for housing developments with multiple connections from surface water areas ie roofs, driveways and paving. The units filtration system has been specifically designed to cope with flow rates of up to 6 litres per second which could be generated from single houses with 120 to 150 sqm of surface water run off, if designed for a 1 in 200 years event. The ideal installation position for the SILTBLOK chamber would be within the surface water drainage system just prior to the final connection into the main sewer.

Specification

This SILTBLOK SB300TE model will come as a complete single piece factory fitted unit ready for immediate installation. Inside of the unit the filter basket has a series of four BLOK's within the basket. The basket catches any silt and debris entering the unit and can be simply removed for emptying and cleaning.

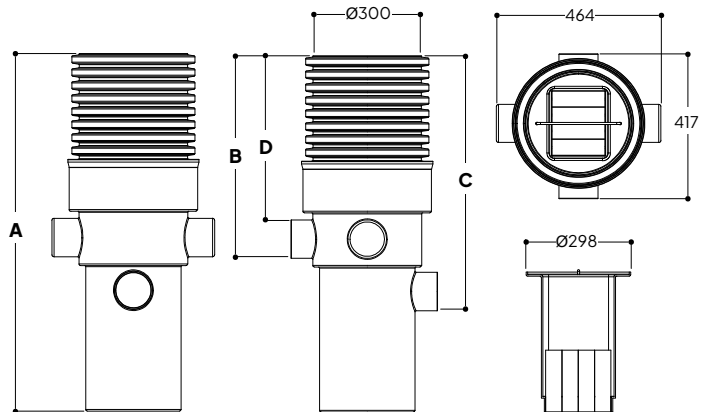
The basket capacity is 7.5kg, designed for an average semi - detached or detached property. The filter basket when completely full, weighs approximately 14kg. This model has a recommended inspection, emptying and cleaning schedule depending on usage.

The base chamber has four 110mm Single wall EN1401 spigot pipe connections - three inlets and a main outlet, the main outlet is supplied already open for connection to 110mm pipe fitting and all the inlets are supplied as blind spigots for cutting off onsite as required.

Options

Access covers can be supplied as an optional extra and there are two covers available - A15 loading and B125 loading. Both have 300mm x 300mm clear access, which is required to remove the filter basket.

If providing your own Access Cover, 300mm x 300mm clear access into the chamber is still required to remove the filter basket.



Product Code	Pipework Ø (mm)	Overall Depth A (mm)	Inlet Invert B (mm)	Outlet Invert C (mm)	Cover Depth D (mm)	Approx. Weight of filterbasket (Full) (kg)	Product Weight (Empty) (kg)
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SB300TE	110	1020	575	725	475	14	10.5
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