TALBOT STOPVALVE CHAMBER SYSTEM DATA SHEET

TALBOT STOPVALVE CHAMBER SYSTEM

Class 2.SBC

The Talbot range of Stopvalve Chambers and Surface Boxes provide a robust housing for an underground stopcock or similar shut off device, keeping it upright and easily accessible. The system is made from carefully selected plastics which are lightweight for easy handling and installation and high strength for secure operation and durability.

Benefits

The tough materials used in the manufacture of the Talbot Chamber System offer long product life and secure operation.

- The system is quick and easy to use and install especially when used in conjunction with Talbot stopcocks and plugcocks.
- Just two sizes of chamber base will suit all stopvalves from 20mm (1/2") to 63mm (2").
- PVC guard tubes are available in 160mm

PRODUCT CODE	DESCRIPTION
E3199	Stopcock Chamber System, small base, with surface box 160mm x 700mm tube
E7226	Stopcock Chamber System, large base, with surface box 160mm x 700mm tube
E7057	Stopcock Chamber System, large base, gas box (yellow) 160mm x 700mm tube
1202A	Surface Box - Water (Black)
1203A	Surface Box - Gas (Black)
1206A	Surface Box - Gas (Yellow)
19908	Stopcock Chamber guard tube 160mm x 700mm PVC
1209	Stopcock Chamber base, small
1211	Stopcock Chamber base, large
1210	Stopcock Chamber Universal Top Adaptor

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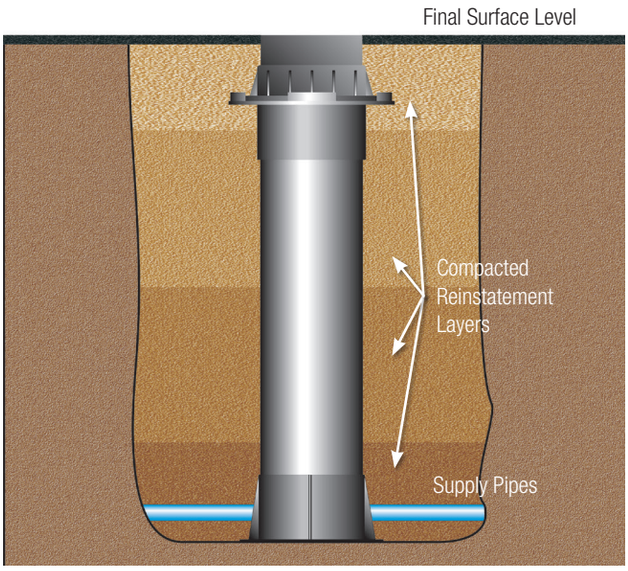
FEATURE	SPECIFICATION
Frame & Cover	Pluck hinge lid with square frame. Impact grade polypropylene. Grade C bearing according to BS5834-2:2011
Surface Box Adapter	Impact grade polypropylene
Stopvalve Chamber Base	Impact grade polypropylene
Guard Tube Material	PVC
Guard Tube Profile	Cylinder
Height Adjust (approx)	75mm
Water Tightness	2.SBC
Stop Valves	Suitable for 20-63mm stop valve
Product Weight (approx)	2kg
Pallet Quantity (approx)	40 per pallet



As with all chamber systems it is important to ensure that the correct procedure is followed when installing the product, especially when reinstating or backfilling the site. The diagram above provides a and compaction. Supplies should also be flushed before connecting in order to avoid any contamination. More detailed instructions are supplied with each product and are also available on request.

Technical Data

Height:

Complete height: 700mm large base systems: 940mm
Complete height: 700mm small base systems: 880mm

Internal Surface Box aperture: 106mm x 102mm
Material:
Surface Box Lid and Frame: Polypropylene
Surface Box Lid Hinges: Polypropylene
Surface Box Detector Plate: Zinc plated steel
Chamber Base: Polypropylene
Guard Pipe: uPVC
Standards:
The Talbot stopvalve chamber system is designed to comply with BS5834-1:2017, and BS5834-2:2011 Grade C withstanding a 0.5 tonne loading. Talbot chamber systems are designed for an asset life in excess of 50 years subject to normal operating and maintenance conditions.
Shipment and Storage:
Systems are pre-assembled and should be stored as delivered. Please note that to avoid degradation of uPVC pipe the system should be protected from prolonged exposure to sunlight if stored in the open air.

General application

The Talbot stopvalve chamber system is designed to house a below ground stopcock or similar shut off device, firmly holding it in a clean and easily accessible environment for secure and simple operation and maintenance.
Range
160mm x 700mm guard tube with small base for 20 - 32mm stopvalves
160mm x 700mm guard tube with large base for 40 - 63mm stopvalves

Safety

As with all industrial products it is important to take adequate safety precautions such as the use of adequate protective clothing like gloves, overalls, eye protection and safety footwear during use, maintenance and installation.

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Surface Box

The Talbot polypropylene surface box is very robust with good strength and durability characteristics. It is made from a grade of polypropylene chosen to give maximum toughness and rigidity at temperatures ranging from -15°C to +40°C. In the unlikely event of the lid becoming damaged it can be replaced whilst the surface box is in situ, removing the need to incur expensive reinstatement costs. When supplied separately from the Chamber System the boxes stack within each other for easy handling and storage. The boxes are usually supplied in either black polypropylene for water (marked 'W') or yellow polypropylene for gas (marked 'G'). Custom made box lids are available to suit individual needs.

Universal Surface Box Adaptor

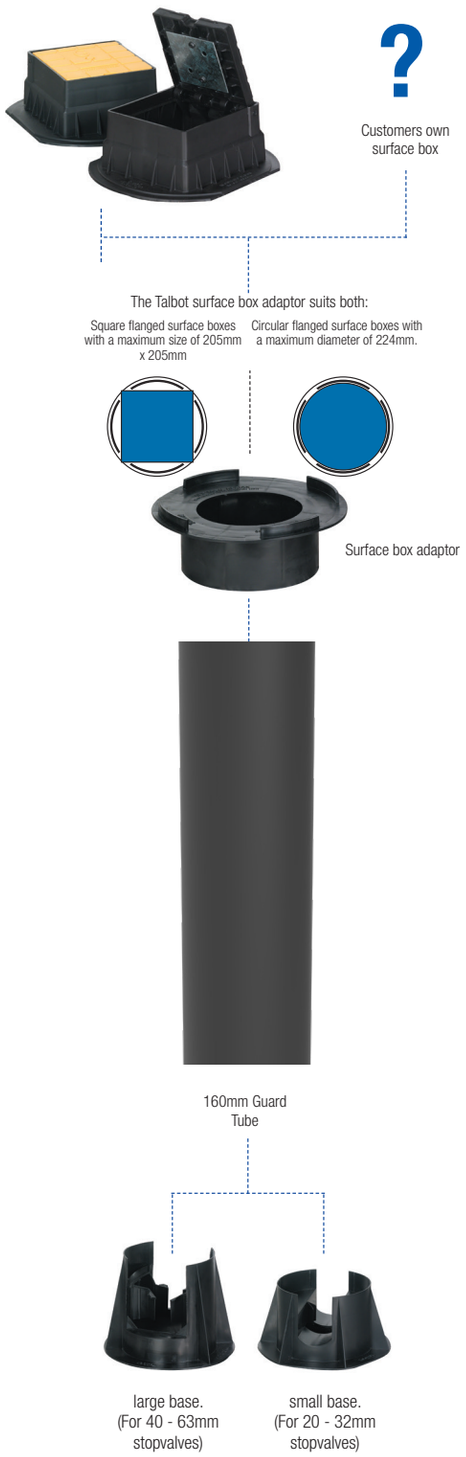
The 'universal' design of the surface box adaptor ensures it fits any surface box to BS5834-2:2011, of cast iron, aluminium or plastic. The surface box may have either a circular flange (max.diameter of 224mm) or a square flange (max. size 205 x 205mm). The adaptor will also suit the top section of concrete chambers (maximum concrete down spigot, 195 x 195mm).

Guard Tube

The guard tube is 160mm diameter, comes in 700mm and gives good access and visibility to the stopvalve.

Stopvalve Chamber Base

The one piece universal base holds all stopcocks (screwdown and plug type). The stopvalve is simply pushed between two sets of flexible support arms which hold it firmly upright. The base also has a hole in the stopvalve platform which accepts the base nut of plug type stopvalves, enabling them to sit firmly in the base. The base has six full length external flutes which stop the assembly twisting in the ground and adds rigidity to the unit. The base also has a significant socket depth that prevents inadvertent separation from the guard tube. There are two sizes of base. The small base suits 20 to 32mm stopvalves and the larger one suits 40 to 63mm stopvalves.



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