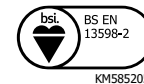# 450mm Pipe Riser Inspection Chamber

Data Sheet

The Polypipe 450mm Pipe Riser Inspection Chamber gives complete flexibility, providing easy access for inspection, cleaning and maintenance in sewer and drainage systems in traffic and non-traffic areas.

Suitable for both adoptable and non-adoptable applications, the range is manufactured from high quality polypropylene and is engineered to last.

The bases are pre-benched and the 450mm Ridgisewer riser is easy to cut to length without the need for special tools or equipment, making the whole installation quicker and easier.

Key Benefits

- Fully sealed for a water tight, tamper proof and low maintenance installation
- Light in weight and strong for improved health and safety and easier handling
- Chemical & corrosion resistant
- Kitemarked to BS EN 13598-2
- High strength single piece 450mm Ridgisewer SN8 riser
- Versatile and available with inlets for 150mm Polysewer and 160mm/110mm BS EN 1401 or BS EN 13476:2

PRODUCT SPECIFICATION	VALUE
Size Range	150mm Polysewer, 110/160mm BS EN 1401 or BS EN 13476:2 Underground Pipe
Material	Polypropylene base, riser and cap. EPDM seals
Installation Depth	3m maximum
Riser Dimensions	Internal 450mm, External 511mm
Compliance	BS EN 13598-2, Sewerage Sector Guidance for England, Sewers for Scotland and The Welsh Minister Standards for Sewers

Installation Instructions

- Excavations will need precautions against collapse; where deeper than 1.2m use side supports
- Install on a compacted granular bed 100mm deep placed on the trimmed trench bottom
- Place base on the granular bed in the correct orientation with swept inlets in direction of flow
- Note the through channel must be used, bends up to 45° can be used on any inlet or outlet
- Joint pipework using standard Polysewer or BS EN 1401 method
- Backfill under and around the base with granular material in layers not exceeding 150mm, ensuring the inside of the base is free of debris
- Cut riser to size midway between the corrugations leaving at least 300mm extra to accommodate changes to final levels. The riser requires a seal at the connection to the base
- Locate the riser seal between the first and second corrugations, lubricate the seal and offer to the socket, aligned the riser and push fully home. Position the SFATA Telescopic Adaptor inside the top of riser shaft and adjust to the correct height and level, fix using the eye bolts provided. Position the cover and frame into the socket of the Telescopic Adaptor and secure with the appropriate fixings.
- Cover top of riser to prevent ingress of debris.
- Backfill in compacted layers with selected site material free from stones greater than 25mm or use imported granular material

Polypipe

450mm Pipe Riser Inspection Chamber

Base for use with 15omm Polysewer/110mm BS EN 1401/13476-2 Underground Pipe
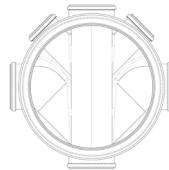
SFARB1
EAN 5053062137813

- 450mm dia. base with 150mm straight channel, 2 x 110mm 45° inlets & 2 x 150mm 90° open inlets
- Supplied with 450mm riser seal & 2 x 110mm blanking plugs

Base for use with 160mm/110mm BS EN 1401/13476-2 Underground Pipe

SFARB2
EAN 5053062137820

- 450mm dia. base with 160mm straight channel, 2 x 110mm 45° inlets & 2 x 160mm 90° inlets
- Supplied with 450mm riser seal, 2 x 110mm & 2 x 160mm blanking plugs

Base for use with 110mm BS EN 1401/13476-2 Underground Pipe

SFARB3
EAN 5053062137837

- 450mm dia. base with 110mm straight channel, 2 x 110mm 45° inlets & 2 x 110mm 90° inlets
- Supplied with 450mm riser seal & 4 x 110mm blanking plugs

Telescopic Riser Shaft Adaptor 450mm

SFATA
EAN 5053062137844

- 450mm dia. telescopic riser cap, suitable for direct connection to UG510 cover & frame
- Complete with integral restrictor ring
- Supplied with seal to internal of riser shaft and eye bolt fixings for securing to riser shaft
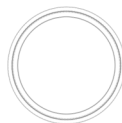
Riser 450mm x 3m SN8 Ridgisewer

RSW450x3PE8
EAN 5053062132924

- 450mm dia. riser
- Available in 3m lengths
- For use with SFARB bases

Riser Seal 450mm

SRSW4508
EAN 5053062133587

- Spare 450mm dia. riser seal EPDM

Polypipe