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Building Products

Change Direction with our Chamber Assembly Range

NEW 315mm SHALLOW ACCESS CHAMBER

- ONE BASE WITH 16+ CONNECTION POSSIBILITIES
- WATERTIGHT PUSH-FIT ASSEMBLY
- AIRTIGHT PEDESTRIAN AND DRIVEWAY COVERS
- HEIGHT 'N' TILT ADJUSTABLE FRAME
- COMPLIES WITH BS7158
- INVERTS UP TO 600MM, 110MM DRAINAGE LAYOUTS



280mm SHALLOW
ACCESS CHAMBER



280mm 90° SHALLOW
ACCESS CHAMBER



450MM INSPECTION
CHAMBER ASSEMBLY

315mm SHALLOW ACCESS CHAMBER

FOR USE IN 110mm DRAINAGE LAYOUTS WITH INVERTS UP TO 600mm, THE 315mm DIAMETER SHALLOW ACCESS CHAMBER COMBINES MAXIMUM PERFORMANCE AND EASE OF INSTALLATION IN ONE HIGH SPECIFICATION DRAINAGE ASSEMBLY. COMPLEMENTING AN ALREADY COMPREHENSIVE RANGE OF ACCESS CHAMBERS, THE MULTI-INLET 315mm DIAMETER ASSEMBLY HAS BEEN INTELLIGENTLY DESIGNED TO REDUCE THE NEED FOR A LARGE NUMBER OF CHAMBER BASE VARIANTS, SIMPLIFYING STOCK MANAGEMENT ON SITE AND IN THE MERCHANT'S YARD.

- One base with 16+ connection possibilities
- Watertight push-fit assembly
- Airtight pedestrian and driveway covers
- Height 'n' tilt adjustable frame
- Complies with BS7158
- For inverts up to 600mm, 110mm drainage layouts

ASSEMBLY BENEFITS

BUILDING SITE EFFICIENCIES

- Featuring five inlets, the Chamber Base allows for multiple connections and variation in direction reducing the need for a large number of base variants
 - Streamlines stockholding requirements
 - Providing a singular solution simplifying on site installation

ON-SITE FLEXIBILITY

- The adjustable 110mm deep spigot on the cover frame provides more flexibility at installation
 - Height adjustments can be made to achieve alignment with finished ground level
 - The frame can be tilted for installation in slopes of up to 15°
- There is a choice of two covers for either pedestrian or driveway use

STRENGTH AND DURABILITY

- Robust ribbed riser for added strength
- Manufactured from durable polypropylene and PVC
- Heavier cover option for driveway use

INVERTS

- Maximum invert depth of 600mm achieved with chamber base, two risers, cover and frame

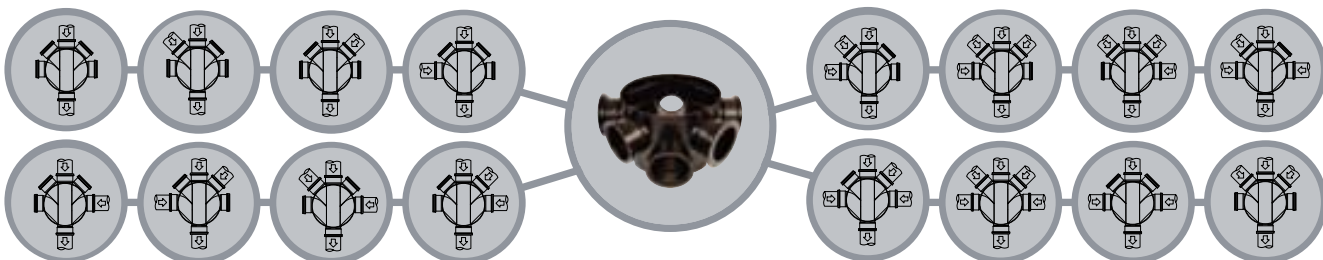
AIRTIGHT AND WATERTIGHT

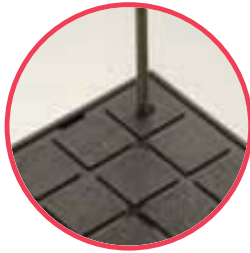
- Integral seals provide a completely watertight joint from base to riser and riser to riser.
- The sealing in the cover and frame form a completely airtight unit for use in internal areas such as garages

315mm Shallow Access Chamber – Key Dimensions	
Socket Diameter	110mm
Chamber Base Diameter	315mm
Invert Depth of Base	190mm
Invert Depth of Base & 1 Riser	375mm
Invert Depth of Base & 2 Risers	560mm
Effective Depth of Lid and Frame	30-90mm
Maximum Depth - Building Regulations state for a shallow inspection chamber the maximum invert should be 0.6m.	



ONE BASE PROVIDES 16+ CONNECTION POSSIBILITIES



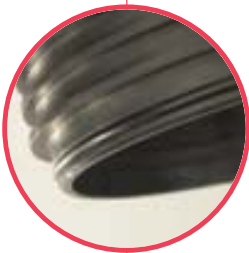


COVER

- Driveway cover withstands 35kN load
- Pedestrian cover suitable for foot traffic areas
- Robust screw down fixing
- Secure cover in frame reduces risks of accidents, injury or removal
- Airtight seal-to-frame

RISER

- 315mm diameter heavy duty riser
- Achieves 185mm depth with each riser
- Only two risers required to meet maximum invert depth of 600mm
- Robust ribbed design
- Seals provide watertight riser-to-riser seal



COVER FRAME

- Frame with 110mm deep spigot
- Allows adjustments in height
- May be adjusted to suit a surface inclination of up to 15°
- Airtight seal-to-riser



BASE

- 4 branch inlets designed for optimal direction of flow
- 16 connection possibilities reduce the need for a large number of alternative bases
- Angled inlets and half invert main channel prevent cross and back flow within the chamber
- Inspection and cleaning equipment accesses easily
- Seals provide watertight sealing from base-to-riser

280mm SHALLOW ACCESS CHAMBER ASSEMBLY

A cost effective solution, this Assembly includes a choice of straight through and 90° 280mm Shallow Access Chamber Bases. Only 2 risers, chamber base and lid are required to satisfy the nominal invert depth 600mm.

280mm Shallow Access Chamber Assembly	Dimensions
Socket Diameter	110mm
Chamber Base Diameter	280mm
Invert Depth of Base	205mm
Invert Depth of Base & 1 Riser	390mm
Invert Depth of Base & 2 Risers	575mm
Effective Depth of Lid and Frame	25mm
Maximum Depth - Building Regulations state for a shallow inspection chamber the maximum invert should be 0.6m.	



COVER AND FRAME

- Ideal for use in pedestrian areas
- Square cover for ease of use in paved areas
- Double seals provide a completely airtight unit for use in internal areas such as garages

CHAMBER RISER

- 280mm diameter heavy duty riser
- Achieves 185mm depth with each riser
- Only two risers required to meet maximum invert depth of 600mm
- Robust ribbed design

SHALLOW ACCESS CHAMBER BASE

- Choice of straight through and 90° base to facilitate a 90° change of direction through the main channel

450mm INSPECTION CHAMBER ASSEMBLY

COMBINING FLEXIBILITY WITH EASE OF INSTALLATION, THIS ASSEMBLY INCLUDES 450MM DIAMETER CHAMBER BASE, 300MM DEEP RISER, COVER AND FRAME, SEALING RINGS AND CHAMBER REDUCER.

Providing more on site solutions the 450mm Chamber Base options are available for both 110mm and 160mm drainage layouts, with branch outlets designed to optimise flow direction.

450mm Chamber Assembly	Dimensions
110mm Drainage	
Socket Diameter	110mm
Chamber Base Diameter	450mm
Invert Depth of Base	190mm
Invert Depth of Base & 1 Riser	490mm
Invert Depth of Base & 3 Risers	1090mm
Effective Depth of Lid and Frame	30mm
Maximum Depth - Can satisfy inverts up to 1.2m (refer to local Building Regulations for invert depth requirements).	
160mm Drainage	
Socket Diameter	160mm
Chamber Base Diameter	450mm
Invert Depth of Base	240mm
Invert Depth of Base & 1 Riser	540mm
Invert Depth of Base & 3 Risers	1140mm
Effective Depth of Lid and Frame	30mm
Maximum Depth - Can satisfy inverts up to 1.2m (refer to local Building Regulations for invert depth requirements).	



COVER AND FRAME

- Withstands 35kN load
- Suitable for driveway use (light vehicular traffic)
- Secured lid in frame reduces risk of accidents, injury and removal

CHAMBER REDUCER

- Safety device to prevent danger of entrapment as set down in Part H, Clause 2.48 of the Building Regulations

CHAMBER RISER

- Ribbed heavy duty riser achieves 300mm invert depth per riser
- Riser features connecting lugs for a stable assembly at depth before backfilling
- Sealing ring makes base to riser and riser to riser fit watertight

INSPECTION CHAMBER BASE

- Choice of chamber bases for 110mm and 160mm drainage layouts
- Branch inlets are designed for optimal flow direction
- Inspection and cleaning equipment accesses easily



Chamber Range

Product Information

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280mm SHALLOW ACCESS CHAMBER

280mm DIA. CHAMBER BASE

Invert 205mm
Channel Size 110mm
Code B2800
(inc. 2 socket plugs)



280mm DIA. 90° CHAMBER BASE

Invert 205mm
Channel Size 110mm
Code B2803



280mm DIA. CHAMBER BASE RISER

185mm Effective Height
Code B2801



280mm DIA. SQUARE DOUBLE SEAL LID & FRAME (Pedestrian)

Code B2802



315mm SHALLOW ACCESS CHAMBER

315mm DIA CHAMBER BASE

Invert 190mm
Channel Size 110mm
Code B3150
(inc. 2 socket plugs)



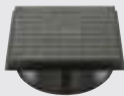
315mm DIA CHAMBER RISER

185mm Effective Height
Code B3151



315mm PEDESTRIAN SEALED LID

Code B3153



315mm DRIVEWAY SEALED LID

Code B3154
(35kN load, recommend bedding frame in concrete).



450mm CHAMBER ASSEMBLY

450mm DIA. INSPECTION CHAMBER BASE

Invert 190mm
Channel Size 110mm
Code B5494
(inc. 3 socket plugs)



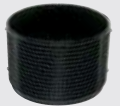
450mm DIA. INSPECTION CHAMBER BASE

Invert 240mm
Channel Size 160mm
Code B5696
(inc. 3 socket plugs)



450mm DIA. CHAMBER RISER

300mm Effective Height
Code B5397



450mm DIA. CHAMBER RISER SEAL

Code B5398



CHAMBER REDUCER

Code B6350



450mm DIA SECURED COVER and FRAME

Black PVCu
Code B6255
(35kN load, suitable for use in driveways.
Recommend bedding frame in concrete)



SPARE SOCKET PLUG

Code B5000 Size 110mm

Code B5100 Size 160mm



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BS EN ISO 9001:2000



RAINWATER

SOIL & WASTE

UNDERGROUND

