

The Polypipe IC600 range of 600mm diameter inspection chambers is designed for adoptable and non-adoptable domestic and commercial drainage systems, the range is manufactured from high quality polypropylene and is engineered to last.

The unique adaptor range simplifies choice allowing multiple configuration options for connection to Polysewer, BS EN 1401 Smoothwall PVCu, 110mm & 150mm Ridgidrain and 100mm & 150mm Vitrified Clay pipe.



IC6BS6

Key Benefits

- Choice of five IC600 bases with straight through flow or cross tee configuration
- For use with 150/160mm, 225/250mm or 300/315mm pipe
- Choice of adaptors for pipe connection to Polysewer, Smoothwall PVCu, Ridgidrain and Vitrified Clay pipe
- Certified to EN 13598-2 and compliant to Sewerage Sector Guidance for England, Sewers for Scotland and the Welsh Minister Standards for Sewers.
- Double skinned base for additional groundwater resistance
- Fully sealed for a water tight, tamper proof and low maintenance installation
- Light weight & strong for improved health and safety and easy handling, corrosion resistant
- High strength single piece 600mm diameter Ridgisewer SN8 riser
- Riser cap which can be adapted for reduced access for chamber depths of greater than 1.2m by using the UG514 restricted access reducer with Polypipe ductile iron covers & frames or directly with the UG520 reduced access ductile iron cover and frame.
- Riser cap directly compatible with the UG510 Polypropylene square cover and frame

Installation Instructions

- Excavations will need precautions against collapse; where deeper than 1.2m use side supports
- Insert relevant adaptor(s) into the base prior to installation in trench
- 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 and the riser cap
- Locate the riser ring seal **between the first and second corrugations**, lubricate the seal and offer to the socket, aligned riser and push fully home. Fit riser cap to top of riser using a seal on the pipe
- 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

IC600 600mm Diameter Chambers

PRODUCT RANGE

Chamber Bases for 150/160mm Pipe - Adaptors & Accessories

CHAMBER BASE

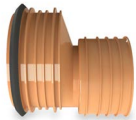


IC6BS6
600mm dia. base straight channel and single inlet for 110/150/160mm BS EN 1401 Underground pipes when used with appropriate adaptor



IC6CRS6
600mm dia. base straight channel and three inlets including 2 x 90° equal branch inlets for 110/150/160mm BS EN 1401 Underground pipes when used with appropriate adaptor

ADAPTORS



IC6PS6

IC600 150/160mm base adaptor to 150mm Polysewer pipe



IC6UG6

IC600 150/160mm base adaptor to 160mm BS EN 1401 Underground pipe



IC6AUG64

IC600 150/160mm base adaptor to 110mm BS EN 1401 Underground pipe



IC6EC6

IC600 150/160mm base end cap to seal unused inlets on IC6BS6 and IC6CRS6 bases



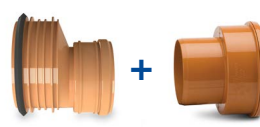
IC6AUG64 + UG459

To connect 100mm thin-wall clay (SuperSleeve) pipe to IC600 150/160mm base use IC6AUG64 + UG459



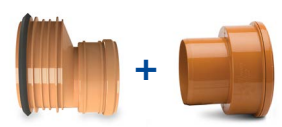
IC6AUG64 + UG487

To connect 100mm thick-wall clay (Densleeve) pipe to IC600 150/160mm base use IC6AUG64 + UG487



IC6UG6 + UG659

To connect 150mm thin-wall clay (SuperSleeve) pipe to IC600 150/160mm base use IC6UG6 + UG659



IC6UG6 + UG697

To connect 150mm thick-wall clay (Densleeve) pipe to IC600 150/160mm base use IC6UG6 + UG697



IC6AUG64 + ARD100110

To connect 110mm Ridgidrain pipe to IC600 150/160mm base use IC6AUG64 + ARD100110



IC6UG6 + ARD150160

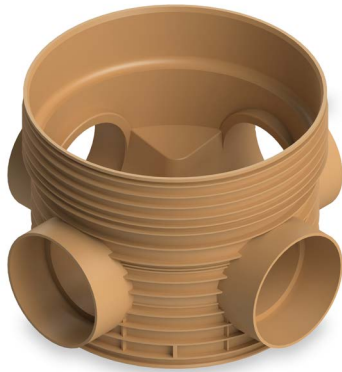
To connect 150mm Ridgidrain pipe to IC600 150/160mm base use IC6UG6 + ARD150160

IC600 600mm Diameter Chambers

PRODUCT RANGE

Chamber Bases for 225/250mm Pipe - Adaptors & Accessories

CHAMBER BASE



IC6CRS10

600mm dia. base straight channel and three inlets including 2 x 90° equal branch inlets for 110/150/160/225/250mm pipes when used with appropriate adaptor

ADAPTORS



IC6APS106

IC600 225/250mm base adaptor to 150mm Polysewer pipe



IC6PS10

IC600 225/250mm base adaptor to 225mm Polysewer pipe



IC6UG10

IC600 225/250mm base adaptor to 250mm BS EN 1401 Underground pipe



IC6EC10

IC600 225/250mm base end cap to seal unused inlets on IC6CRS10 base



IC6AUG104

IC600 225/250mm base adaptor to 110mm BS EN 1401 Underground pipe



IC6AUG106

IC600 225/250mm base adaptor to 160mm BS EN 1401 Underground pipe



IC6AUG106 + UG659

To connect 150mm thin-wall clay (SuperSleeve) pipe to IC600 225/250mm base use IC6AUG106 + UG659



IC6AUG106 + UG697

To connect 150mm thick-wall clay (Densleeve) pipe to IC600 225/250mm base use IC6AUG106 + UG697

IC600 600mm Diameter Chambers

PRODUCT RANGE

Chamber Bases for 300/315mm Pipe - Adaptors & Accessories

CHAMBER BASE



IC6BS12

Straight channel for use with 300mm Polysewer pipe (requires adaptor PS12102) or 315mm BS EN 1401 Sewerdrain pipe (direct connection)



IC6CRS12

Straight channel and two equal 90° branch entries, for use with 300mm Polysewer pipe (requires adaptor PS12102), 315mm BS EN 1401 Sewerdrain pipe (direct connection)

ADAPTORS



PS12102

IC600 300/315 base adaptor to 300mm Polysewer pipe



UG1220

IC600 300/315 base 315mm End Cap/Socket Plug to seal unused inlets on IC6BS12 or IC6CRS12 base

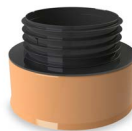
ALL CHAMBER ACCESSORIES

IC600 Riser and Accessories



RSW600X3PE8

Riser shaft SN8 3m plain end for IC600 base



IC6RC

Riser cap (can be adapted for reduced access for chamber depths of greater than 1.2m)

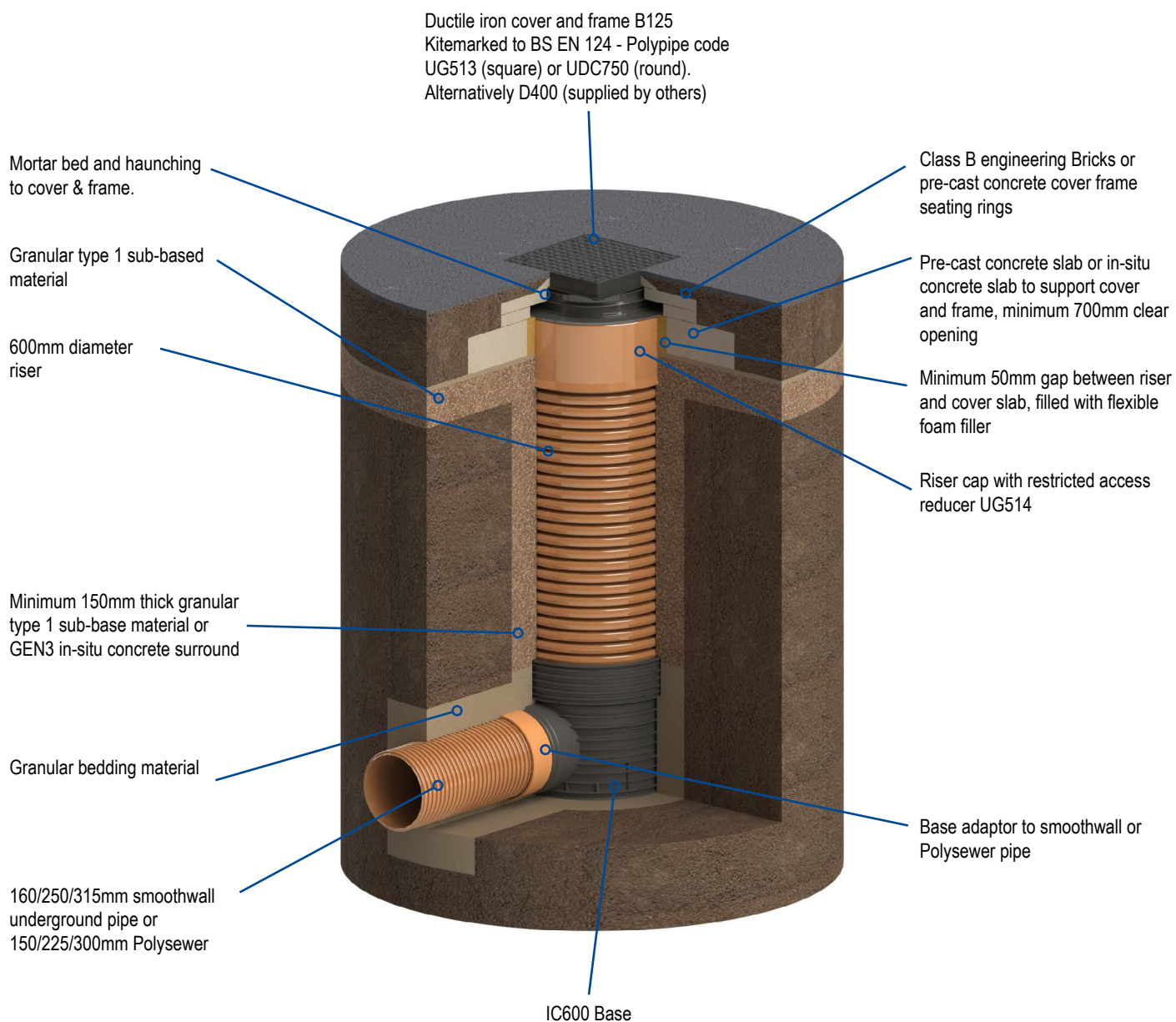


SRSW6008

Riser Ring Seal (required for base to riser and cap to riser connections)

IC600 600mm Diameter Chambers

TYPICAL INSTALLATION DETAIL (Subject to vehicle loading)



IC600 600mm Diameter Chambers

Requirements for 600mm Chamber Bases

Chamber Bases to 160mm Drainage

Quantities shown are for base units only and are identical for units when handed. Riser, riser cap and covers etc., not shown.

1.1

Code	Description	No. req.
IC6CRS6	Base Unit	1
IC6UG6	160 Base Adaptor	1
IC6AUG64	110 Base Adaptor	2
IC6EC6	Base End Cap	1
SRSW6008	Base Seal	1

1.2

Code	Description	No. req.
IC6CRS6	Base Unit	1
IC6UG6	160 Base Adaptor	1
IC6AUG64	110 Base Adaptor	3
SRSW6008	Base Seal	1

1.3

Code	Description	No. req.
IC6BS6	Base Unit	1
IC6UG6	160 Base Adaptor	2
SRSW6008	Base Seal	1

1.4

Code	Description	No. req.
IC6CRS6	Base Unit	1
IC6UG6	160 Base Adaptor	2
IC6AUG64	110 Base Adaptor	1
IC6EC6	Base End Cap	1
SRSW6008	Base Seal	1

1.5

Code	Description	No. req.
IC6CRS6	Base Unit	1
IC6UG6	160 Base Adaptor	3
IC6EC6	Base End Cap	1
SRSW6008	Base Seal	1

1.6

Code	Description	No. req.
IC6CRS6	Base Unit	1
IC6UG6	160 Base Adaptor	2
IC6AUG64	110 Base Adaptor	2
SRSW6008	Base Seal	1

1.7

Code	Description	No. req.
IC6CRS6	Base Unit	1
IC6UG6	160 Base Adaptor	3
IC6AUG64	110 Base Adaptor	1
SRSW6008	Base Seal	1

1.8

Code	Description	No. req.
IC6CRS6	Base Unit	1
IC6UG6	160 Base Adaptor	4
SRSW6008	Base Seal	1

Chamber Bases to 150mm Polysewer

Quantities shown are for base units only and are identical for units when handed. Riser, riser cap and covers etc., not shown.

2.1

Code	Description	No. req.
IC6CRS6	Base Unit	1
IC6PS6	150 Base Adaptor	1
IC6AUG64	110 Base Adaptor	2
IC6EC6	Base End Cap	1
SRSW6008	Base Seal	1

2.2

Code	Description	No. req.
IC6CRS6	Base Unit	1
IC6PS6	150 Base Adaptor	1
IC6AUG64	110 Base Adaptor	3
SRSW6008	Base Seal	1

2.3

Code	Description	No. req.
IC6BS6	Base Unit	1
IC6PS6	150 Base Adaptor	2
SRSW6008	Base Seal	1

2.4

Code	Description	No. req.
IC6CRS6	Base Unit	1
IC6PS6	150 Base Adaptor	2
IC6AUG64	110 Base Adaptor	1
IC6EC6	Base End Cap	1
SRSW6008	Base Seal	1

2.5

Code	Description	No. req.
IC6CRS6	Base Unit	1
IC6PS6	150 Base Adaptor	3
IC6EC6	Base End Cap	1
SRSW6008	Base Seal	1

2.6

Code	Description	No. req.
IC6CRS6	Base Unit	1
IC6PS6	150 Base Adaptor	2
IC6AUG64	110 Base Adaptor	2
SRSW6008	Base Seal	1

2.7

Code	Description	No. req.
IC6CRS6	Base Unit	1
IC6PS6	150 Base Adaptor	3
IC6AUG64	110 Base Adaptor	1
SRSW6008	Base Seal	1

2.8

Code	Description	No. req.
IC6CRS6	Base Unit	1
IC6PS6	150 Base Adaptor	4
SRSW6008	Base Seal	1

Adaptors:- For Super Clay (Supersleve) use UG459 (100mm) or UG659 (150mm)
 For Thick Clay (Densleeve) use UG487 (100mm) or UG697 (150mm)
 For Rigidrain use ARD100110 (100mm) or ARD150160 (150mm)



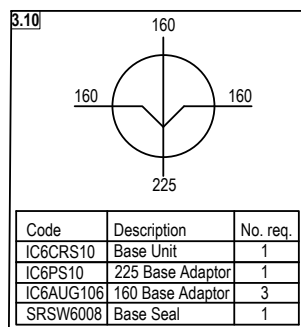
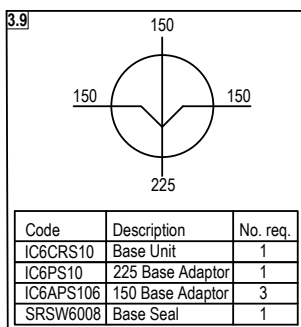
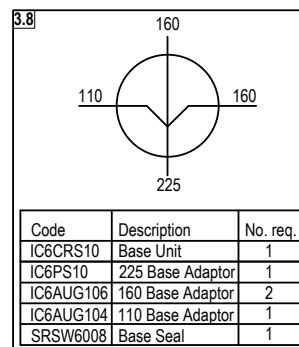
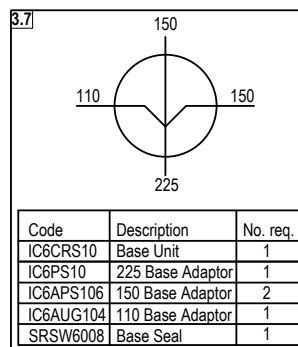
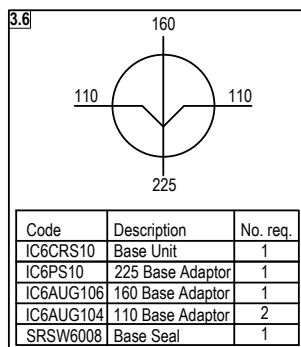
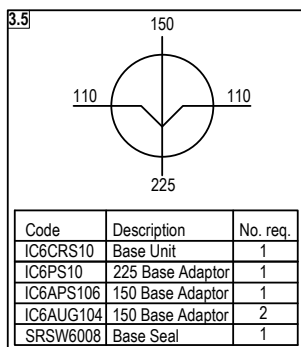
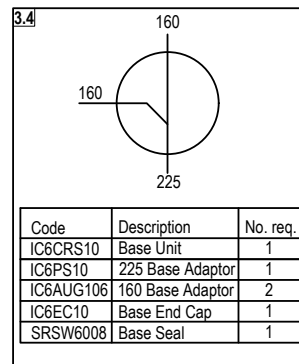
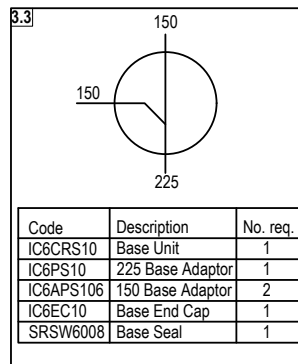
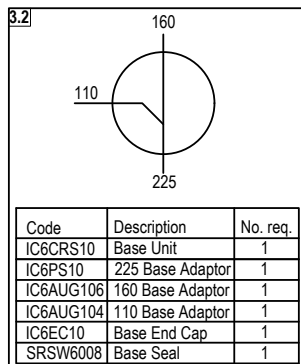
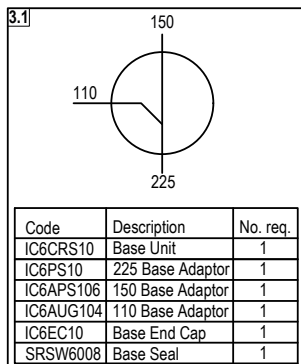
into 110mm or 160mm base conn.

IC600 600mm Diameter Chambers

Requirements for 600mm Chamber Bases

Chamber Bases to 225mm Polysewer

Quantities shown are for base units only and are identical for units when handed. Riser, riser cap and covers etc., not shown.



Adaptors:- For Super Clay (Supersleve) use UG459 (100mm) or UG659 (150mm)
 For Thick Clay (Densleeve) use UG487 (100mm) or UG697 (150mm)
 For Rigidrain use ARD100110 (100mm) or ARD150160 (150mm) } into 110mm or 160mm base conn.

IC600 600mm Diameter Chambers

Requirements for 600mm Chamber Bases

Chamber Bases to 225mm Polysewer

Quantities shown are for base units only and are identical for units when handed. Riser, riser cap and covers etc., not shown.

3.11

Code	Description	No. req.
IC6BS10	Base Unit	1
IC6PS10	225 Base Adaptor	2
SRSW6008	Base Seal	1

3.12

Code	Description	No. req.
IC6CRS10	Base Unit	1
IC6PS10	225 Base Adaptor	2
IC6AUG104	110 Base Adaptor	1
IC6EC10	Base End Cap	1
SRSW6008	Base Seal	1

3.13

Code	Description	No. req.
IC6CRS10	Base Unit	1
IC6PS10	225 Base Adaptor	2
IC6APS106	150 Base Adaptor	1
IC6EC10	Base End Cap	1
SRSW6008	Base Seal	1

3.14

Code	Description	No. req.
IC6CRS10	Base Unit	1
IC6PS10	225 Base Adaptor	2
IC6AUG106	160 Base Adaptor	1
IC6EC10	Base End Cap	1
SRSW6008	Base Seal	1

3.15

Code	Description	No. req.
IC6CRS10	Base Unit	1
IC6PS10	225 Base Adaptor	3
IC6EC10	Base End Cap	1
SRSW6008	Base Seal	1

3.16

Code	Description	No. req.
IC6CRS10	Base Unit	1
IC6PS10	225 Base Adaptor	2
IC6AUG104	110 Base Adaptor	2
SRSW6008	Base Seal	1

3.17

Code	Description	No. req.
IC6CRS10	Base Unit	1
IC6PS10	225 Base Adaptor	2
IC6APS106	150 Base Adaptor	1
IC6AUG104	110 Base Adaptor	1
SRSW6008	Base Seal	1

3.18

Code	Description	No. req.
IC6CRS10	Base Unit	1
IC6PS10	225 Base Adaptor	2
IC6AUG106	160 Base Adaptor	1
IC6AUG104	110 Base Adaptor	1
SRSW6008	Base Seal	1

3.19

Code	Description	No. req.
IC6CRS10	Base Unit	1
IC6PS10	225 Base Adaptor	3
IC6AUG104	110 Base Adaptor	1
SRSW6008	Base Seal	1

3.20

Code	Description	No. req.
IC6CRS10	Base Unit	1
IC6PS10	225 Base Adaptor	2
IC6APS106	150 Base Adaptor	2
SRSW6008	Base Seal	1

3.21

Code	Description	No. req.
IC6CRS10	Base Unit	1
IC6PS10	225 Base Adaptor	3
IC6APS106	150 Base Adaptor	1
SRSW6008	Base Seal	1

3.22

Code	Description	No. req.
IC6CRS10	Base Unit	1
IC6PS10	225 Base Adaptor	2
IC6AUG106	160 Base Adaptor	2
SRSW6008	Base Seal	1

3.23

Code	Description	No. req.
IC6CRS10	Base Unit	1
IC6PS10	225 Base Adaptor	3
IC6AUG106	160 Base Adaptor	1
SRSW6008	Base Seal	1

3.24

Code	Description	No. req.
IC6CRS10	Base Unit	1
IC6PS10	225 Base Adaptor	4
SRSW6008	Base Seal	1

Adaptors:- For Super Clay (Supersleve) use UG459 (100mm) or UG659 (150mm)
 For Thick Clay (Densleeve) use UG487 (100mm) or UG697 (150mm)
 For Rigidrain use ARD100110 (100mm) or ARD150160 (150mm)

} into 110mm or 160mm base conn.

IC600 600mm Diameter Chambers

Requirements for 600mm Chamber Bases

Chamber Bases to 300mm Polysewer

Quantities shown are for base units only and are identical for units when handed. Riser, riser cap and covers etc., not shown.

4.1

Code	Description	No. req.
IC6BS12	Base Unit	1
PS12102	300 Base Adaptor	2
SRSW6008	Base Seal	1

4.2

Code	Description	No. req.
IC6CRS12	Base Unit	1
PS12102	300 Base Adaptor	2
UG1221	315 x 250 Red.	1
UG1021	250 x 200 Red.	1
UG821	200 x 160 Red.	1
UG621	160 X 110 Red.	1
UG1220	315 Socket Plug	1
SRSW6008	Base Seal	1

4.3

Code	Description	No. req.
IC6CRS12	Base Unit	1
PS12102	300 Base Adaptor	3
PS1221	300 x 225 Red.	1
PS1021	225 x 150 Red.	1
UG1220	315 Socket Plug	1
SRSW6008	Base Seal	1

4.4

Code	Description	No. req.
IC6CRS12	Base Unit	1
PS12102	300 Base Adaptor	2
UG1221	315 x 250 Red.	1
UG1021	250 x 200 Red.	1
UG821	200 x 160 Red.	1
UG1220	315 Socket Plug	1
SRSW6008	Base Seal	1

4.5

Code	Description	No. req.
IC6CRS12	Base Unit	1
PS12102	300 Base Adaptor	3
PS1221	300 x 225 Red.	1
UG1220	315 Socket Plug	1
SRSW6008	Base Seal	1

4.6

Code	Description	No. req.
IC6CRS12	Base Unit	1
PS12102	300 Base Adaptor	3
UG1220	315 Socket Plug	1
SRSW6008	Base Seal	1

4.7

Code	Description	No. req.
IC6CRS12	Base Unit	1
PS12102	300 Base Adaptor	2
UG1221	315 x 250 Red.	2
UG1021	250 x 200 Red.	2
UG821	200 x 160 Red.	2
UG621	160 x 110 Red.	2
SRSW6008	Base Seal	1

4.8

Code	Description	No. req.
IC6CRS12	Base Unit	1
PS12102	300 Base Adaptor	3
PS1221	300 x 225 Red.	1
PS1021	225 x 150 Red.	1
UG1221	315 x 250 Red.	1
UG1021	250 x 200 Red.	1
UG821	200 x 160 Red.	1
UG621	160 x 110 Red.	1
SRSW6008	Base Seal	1

4.9

Code	Description	No. req.
IC6CRS12	Base Unit	1
PS12102	300 Base Adaptor	2
UG1221	315 x 250 Red.	2
UG1021	250 x 200 Red.	2
UG821	200 x 160 Red.	2
UG621	160 x 110 Red.	1
SRSW6008	Base Seal	1

4.10

Code	Description	No. req.
IC6CRS12	Base Unit	1
PS12102	300 Base Adaptor	3
PS1221	300 x 225 Red.	1
UG1221	315 x 250 Red.	1
UG1021	250 x 200 Red.	1
UG821	200 x 160 Red.	1
UG621	160 x 110 Red.	1
SRSW6008	Base Seal	1

4.11

Code	Description	No. req.
IC6CRS12	Base Unit	1
PS12102	300 Base Adaptor	3
UG1221	315 x 250 Red.	1
UG1021	250 x 200 Red.	1
UG821	200 x 160 Red.	1
UG621	160 x 110 Red.	1
SRSW6008	Base Seal	1

4.12

Code	Description	No. req.
IC6CRS12	Base Unit	1
PS12102	300 Base Adaptor	4
PS1221	300 x 225 Red.	2
PS1021	225 x 150 Red.	2
SRSW6008	Base Seal	1

4.13

Code	Description	No. req.
IC6CRS12	Base Unit	1
PS12102	300 Base Adaptor	4
PS1221	300 x 225 Red.	2
PS1021	225 x 150 Red.	1
SRSW6008	Base Seal	1

4.14

Code	Description	No. req.
IC6CRS12	Base Unit	1
PS12102	300 Base Adaptor	4
PS1221	300 x 225 Red.	1
PS1021	225 x 150 Red.	1
SRSW6008	Base Seal	1

4.15

Code	Description	No. req.
IC6CRS12	Base Unit	1
PS12102	300 Base Adaptor	4
PS1221	300 x 225 Red.	2
SRSW6008	Base Seal	1

4.16

Code	Description	No. req.
IC6CRS12	Base Unit	1
PS12102	300 Base Adaptor	4
PS1221	300 x 225 Red.	1
SRSW6008	Base Seal	1

4.17

Code	Description	No. req.
IC6CRS12	Base Unit	1
PS12102	300 Base Adaptor	4
SRSW6008	Base Seal	1

Adaptors:-

For Super Clay (Supersleve) use UG459 (100mm) or UG659 (150mm)
 For Thick Clay (Densleeve) use UG487 (100mm) or UG697 (150mm)
 For Ridgidrain use ARD100110 (100mm) or ARD150160 (150mm)

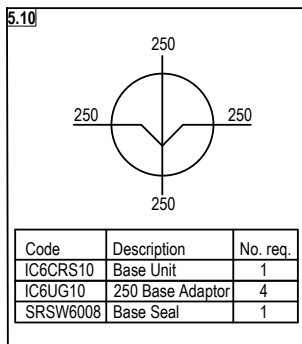
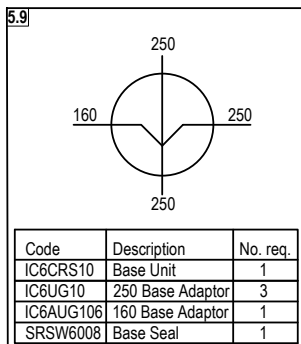
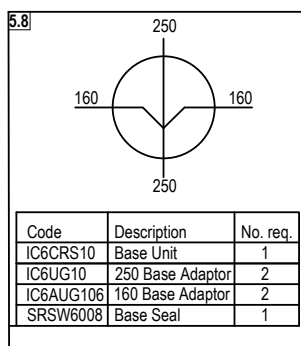
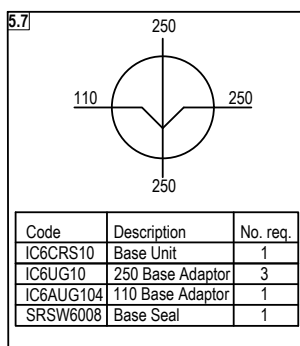
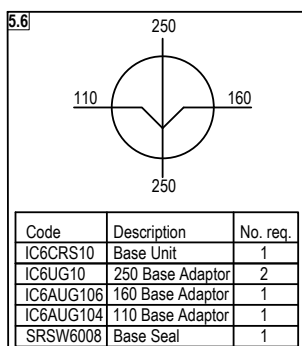
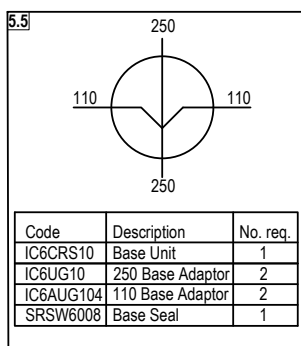
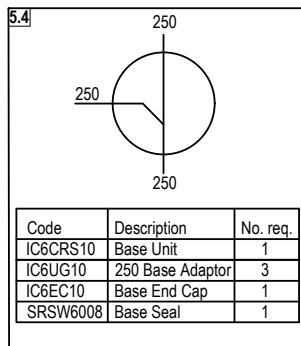
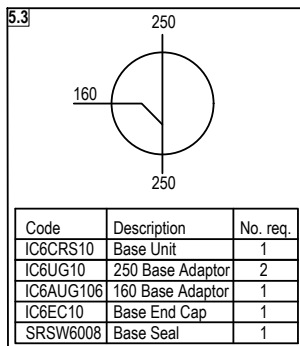
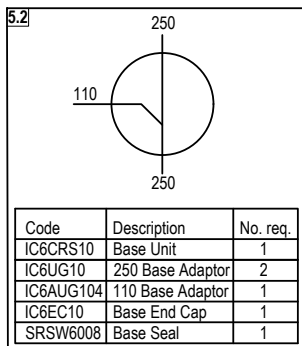
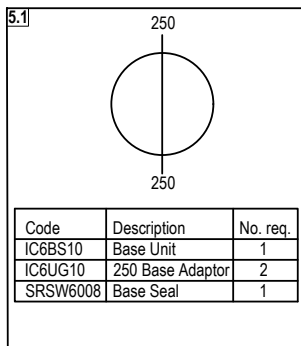
} into 110mm or 160mm base conn.

IC600 600mm Diameter Chambers

Requirements for 600mm Chamber Bases

Chamber Bases to 250mm Sewerdrain

Quantities shown are for base units only and are identical for units when handed. Riser, riser cap and covers etc., not shown.



Adaptors:- For Super Clay (Supersleve) use UG459 (100mm) or UG659 (150mm)
 For Thick Clay (Densleeve) use UG487 (100mm) or UG697 (150mm)
 For Rigidrain use ARD100110 (100mm) or ARD150160 (150mm)



into 110mm or 160mm base conn.

IC600 600mm Diameter Chambers

Requirements for 600mm Chamber Bases

Chamber Bases to 315mm Sewerdrain

Quantities shown are for base units only and are identical for units when handed. Riser, riser cap and covers etc., not shown.

6.1

Code	Description	No. req.
IC6BS12	Base Unit	1
SRSW6008	Base Seal	1

6.2

Code	Description	No. req.
IC6CRS12	Base Unit	1
UG1221	315 x 250 Red.	1
UG1021	250 x 200 Red.	1
UG821	200 x 160 Red.	1
UG621	160 x 110 Red.	1
UG1220	315 Socket Plug	1
SRSW6008	Base Seal	1

6.3

Code	Description	No. req.
IC6CRS12	Base Unit	1
UG1221	315 x 250 Red.	1
UG1021	250 x 200 Red.	1
UG821	200 x 160 Red.	1
UG1220	315 Socket Plug	1
SRSW6008	Base Seal	1

6.4

Code	Description	No. req.
IC6CRS12	Base Unit	1
UG1221	315 x 250 Red.	1
UG1220	315 Socket Plug	1
SRSW6008	Base Seal	1

6.5

Code	Description	No. req.
IC6CRS12	Base Unit	1
UG1220	315 Socket Plug	1
SRSW6008	Base Seal	1

6.6

Code	Description	No. req.
IC6CRS12	Base Unit	1
UG1221	315 x 250 Red.	2
UG1021	250 x 200 Red.	2
UG821	200 x 160 Red.	2
UG621	160 x 110 Red.	2
SRSW6008	Base Seal	1

6.7

Code	Description	No. req.
IC6CRS12	Base Unit	1
UG1221	315 x 250 Red.	2
UG1021	250 x 200 Red.	2
UG821	200 x 160 Red.	2
UG621	160 x 110 Red.	1
SRSW6008	Base Seal	1

6.8

Code	Description	No. req.
IC6CRS12	Base Unit	1
UG1221	315 x 250 Red.	2
UG1021	250 x 200 Red.	1
UG821	200 x 160 Red.	1
UG621	160 x 110 Red.	1
SRSW6008	Base Seal	1

6.9

Code	Description	No. req.
IC6CRS12	Base Unit	1
UG1221	315 x 250 Red.	1
UG1021	250 x 200 Red.	1
UG821	200 x 160 Red.	1
UG621	160 x 110 Red.	1
SRSW6008	Base Seal	1

6.10

Code	Description	No. req.
IC6CRS12	Base Unit	1
UG1221	315 x 250 Red.	2
UG1021	250 x 200 Red.	2
UG821	200 x 160 Red.	2
SRSW6008	Base Seal	1

6.11

Code	Description	No. req.
IC6CRS12	Base Unit	1
UG1221	315 x 250 Red.	2
UG1021	250 x 200 Red.	1
UG821	200 x 160 Red.	1
SRSW6008	Base Seal	1

6.12

Code	Description	No. req.
IC6CRS12	Base Unit	1
UG1221	315 x 250 Red.	1
UG1021	250 x 200 Red.	1
UG821	200 x 160 Red.	1
SRSW6008	Base Seal	1

6.13

Code	Description	No. req.
IC6CRS12	Base Unit	1
UG1221	315 x 250 Red.	2
SRSW6008	Base Seal	1

6.14

Code	Description	No. req.
IC6CRS12	Base Unit	1
UG1221	315 x 250 Red.	1
SRSW6008	Base Seal	1

6.15

Code	Description	No. req.
IC6CRS12	Base Unit	1
SRSW6008	Base Seal	1

Adaptors:- For Super Clay (Supersleve) use UG459 (100mm) or UG659 (150mm)
 For Thick Clay (Densleeve) use UG487 (100mm) or UG697 (150mm)
 For Rigidrain use ARD100110 (100mm) or ARD150160 (150mm) } into 110mm or 160mm base conn.