

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, Smoothwall PVCu and 150mm Vitrified Clay pipe.



IC6BS6

Key Benefits

- Choice of six 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 and Vitrified Clay pipe
- Certified to EN 13598-2 and compliant with Sewers for Adoption 7th edition [SfA7]
- 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
- Riser cap directly compatible with the UG510 Polypropylene square cover and frame

Installation Instructions

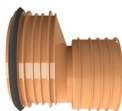
- Excavations will need precautions against collapse; where deeper than 1.2m use side supports
- Insert relevant adaptor(s) into the base prior to installation in trench
- Install on a compacted granular bed 100mm deep placed on the trimmed trench bottom
- Place base on the granular bed in the correct 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

IC600 Bases		Base for 150/160mm	Base for 225/250mm	Base for 300/315mm
600mm dia. base straight channel and single inlet		IC6BS6 (Terracotta)	IC6BS10 (Terracotta)	IC6BS12* (Black)
600mm dia. base straight channel and three inlets including 2 x 90° equal branch inlets		IC6CRS6 (Terracotta)	IC6CRS10 (Terracotta)	IC6CRS12* (Black)

* 300/315 bases fitted with a ring seal socket suitable for direct connection to 315mm BS EN 1401 pipe

IC600 Base adaptors to Polysewer		Adaptor for 150mm	Adaptor for 225mm	Adaptor for 300mm
Polysewer Adaptor to IC600 Base		IC6PS6	IC6PS10	PS12102

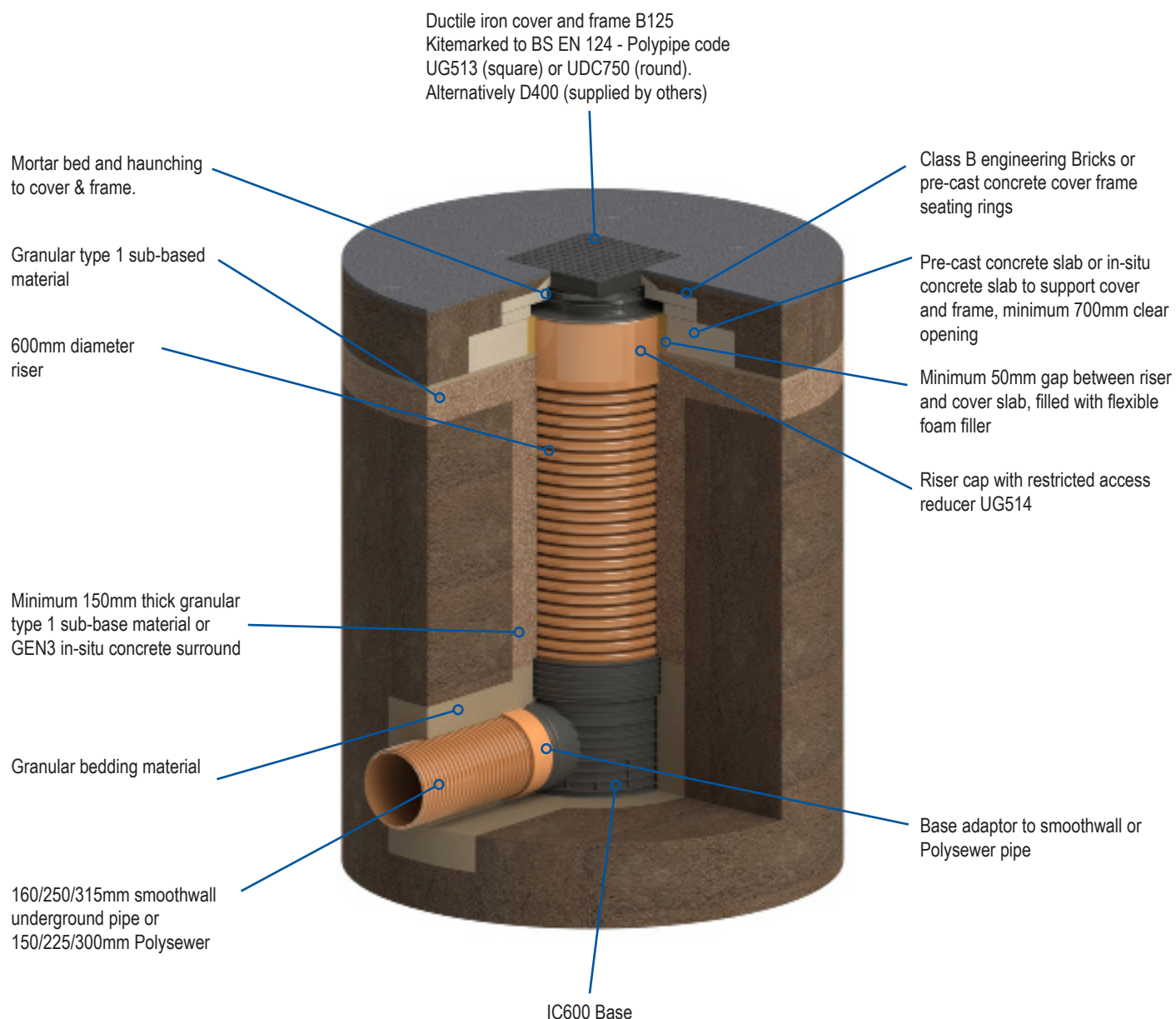
IC600mm Base adaptors to BS EN 1401/13476-2 pipe		Adaptor for 160mm	Adaptor for 250mm	Adaptor for 315mm
Smoothwall Adaptor to IC600 Base		IC6UG6	IC6UG10	Direct connection

IC600mm end cap for blanking unused inlets		Cap for 160mm	Cap for 250mm	Cap for 315mm
Base end cap to IC600 Base		IC6EC6	IC6EC10	UG1220

IC600 Base adaption to Vitrified Clay	Adaptor for 150mm base	IC600mm Riser & accessories	For all bases
Super Clay (SuperSleeve) to IC600 150/160mm Base	IC6UG6 + UG659	Riser shaft SN8 3m plain end for IC600 base	RSW600X3PE8
Thick wall clay (Densleeve) to IC600 150/160mm Base	IC6UG6 + UG697	Riser cap (can be adapted for reduced access for chamber depths of greater than 1.2m)	IC6RC
		Riser Ring Seal (required for base to riser and cap to riser connections)	SRSW6008

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Typical Installation Detail (Subject to vehicle Loading)



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