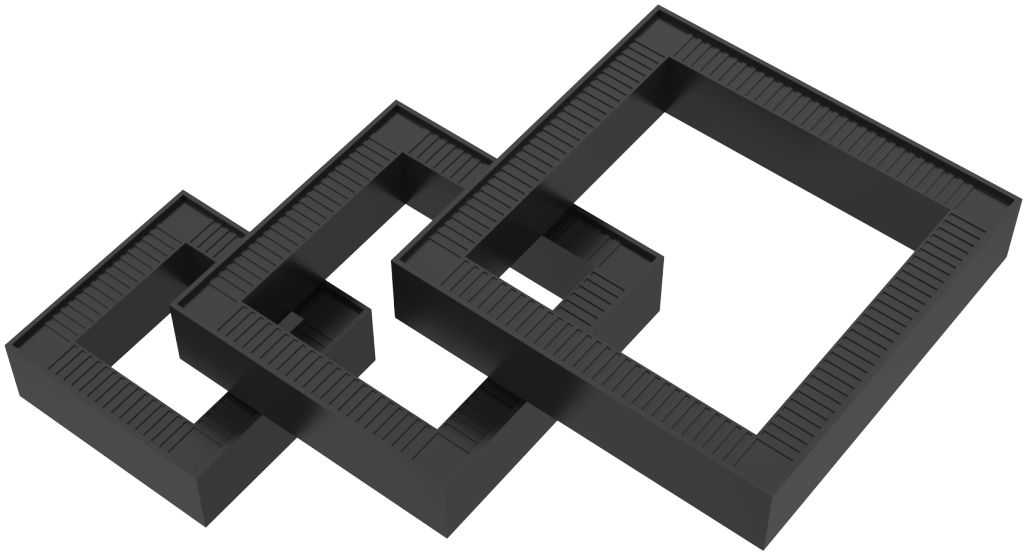
DURAFIX

HIGH RIGIDITY POLYMER CHAMBER SECTIONS

UTILITY PRODUCTS TD



The Durafix modular duct access chamber system is a high-performance alternative to traditional concrete and brick-built chambers.

Designed for underground utility networks, the system utilises a twin-wall, interlocking construction to provide a strong, lightweight, and hassle-free installation solution.

Manufactured from recyclable polypropylene, it offers excellent durability while significantly reducing handling and installation effort.



Key Features

- Modular interlocking rectangular ring system
- Twin-wall reinforced structure for enhanced strength
- Lightweight design for easy manual handling
- Standard 150 mm deep sections, with additional 50 mm and 25 mm options
- No requirement for concrete backfill in most installations
- Wide range of sizes suitable for various chamber configurations
- Chemical Resistant

Material & Construction

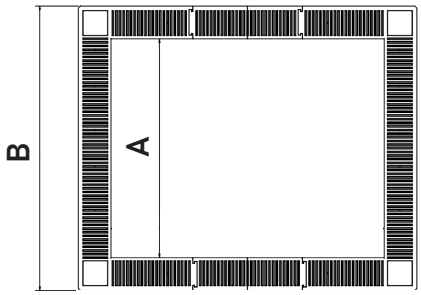
- Manufactured from high-quality recycled polypropylene
- Resistant to attack from most forms of chemical erosion
- Twin-wall design with reinforced internal web structure
- Section depths: 150 mm (standard), with 50 mm and 25 mm options available
- Engineered for high strength while maintaining low weight

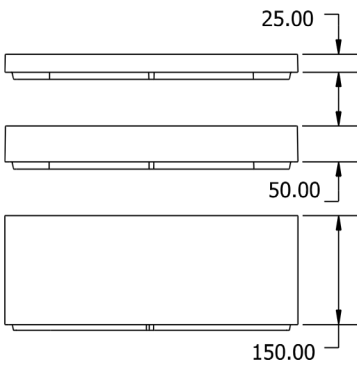
Benefits

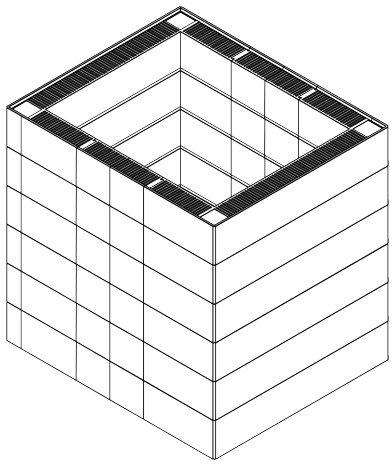
- Rapid installation with no heavy lifting equipment required
- Reduced labour and overall project costs
- Lightweight construction improves on-site safety
- Eliminates need for concrete surround
- Long service life with minimal maintenance

A	B	Depth	Load Class	Weight	Code
150 x 150mm	230 x 230mm	150mm	D400	1.8kg	379147
170 x 170mm	300 x 300mm	150mm	D400	2.8kg	379150
230 x 230mm	360 x 360mm	150mm	D400	3.73kg	379152
300 x 300mm	430 x 430mm	150mm	D400	4.3kg	379153
380 x 230mm	510 x 360mm	150mm	D400	4.95kg	379154
430 x 280mm	560 x 410mm	150mm	D400	5.1kg	379156
430 x 280mm	560 x 410mm	25mm	D400	1.15kg	379157
430 x 280mm	580 x 430mm	40mm	D400	2.5kg	379158
430 x 280mm	560 x 410mm	50mm	D400	1.93kg	379160
450 x 450mm	580 x 580mm	150mm	D400	5.9kg	379162
600 x 450mm	780 x 630mm	150mm	D400	8.6kg	379163
600 x 600mm	780 x 780mm	150mm	E600	10.2kg	379164
675 x 675mm	860 x 860mm	150mm	E600	11.5kg	379165
750 x 450mm	930 x 630mm	150mm	E600	9.24kg	379451
750 x 600mm	930 x 780mm	150mm	E600	11.16kg	379166
750 x 750mm	930 x 930mm	150mm	E600	12.12kg	379167

*Other sizes available on request







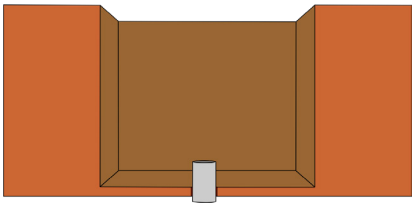
Accessories

DuraFix Chamber Accessories	
379439	DuraFix, Step Iron + 2 galv.120mm M10 Bolt/W/Nut (Pack 2)
379440	DuraFix, Bearer Bar Kit (508mm wall,250mm Bearer, Pin & fixings)
379441	DuraFix, A4 arbour + 200x12mm drill
379442	DuraFix, 40mm o/d, Bimetallic hole saw 120mm deep
379443	DuraFix, 54mm o/d, Bimetallic hole saw 120mm deep
379444	DuraFix, 98mm o/d, Bimetallic hole saw 120mm deep
379445	DuraFix, 114mm o/d, Bimetallic hole saw 120mm deep
379446	DuraFix, 127mm o/d, Bimetallic hole saw 120mm deep
379447	DuraFix, 152mm o/d, Bimetallic hole saw 120mm deep
379448	DuraFix, 160mm o/d, Bimetallic hole saw 120mm deep
379449	DuraFix, 182mm o/d, Bimetallic hole saw 120mm deep
379450	DuraFix, 210mm o/d, Bimetallic hole saw 120mm deep

Chamber Installation

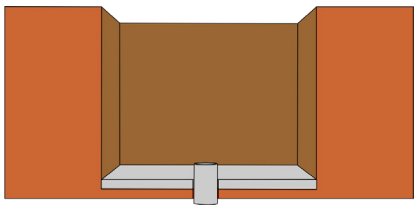
*Use in conjunction with TD installation guide

1.



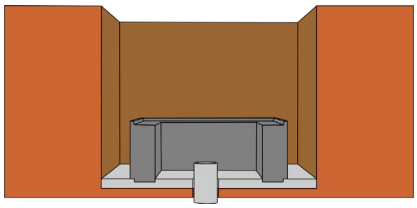
Dimensions of excavation: Length x Width x Height. Please allow additional depth for cover and frame required plus the mortar bed.

2.



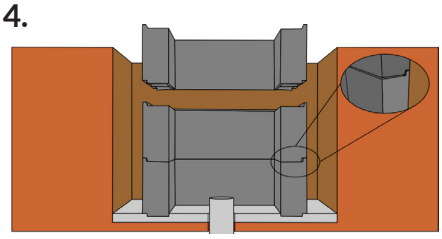
Pour a concrete base to act as the foundation. Alternatively dry mix or compacted stone may be used. Thickness of the base is of the preference of the on-site engineer.

3.



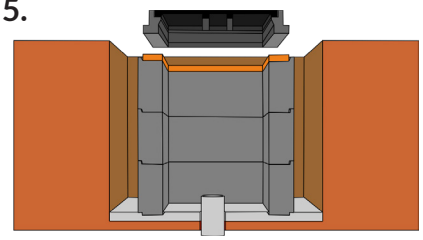
Lower the first section of the chamber into the excavation. Push the first section down into the wet cement making sure it is central and level.

4.



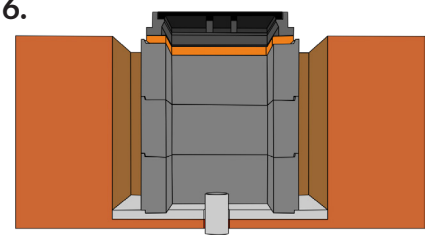
Insert the remaining sections making sure they are correctly aligned.

5.



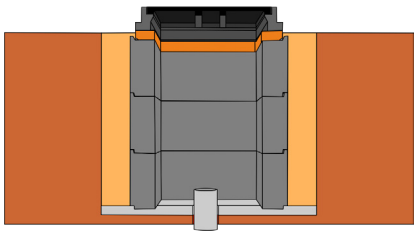
Once the concrete base has cured, using appropriate bedding mortar (Refer to TD installation guide) Install the cover on the chamber sections.

6.



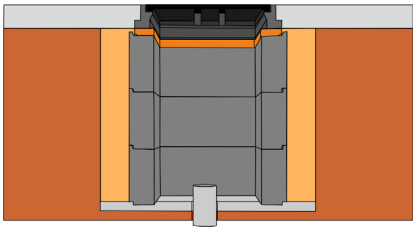
Check the fit of the access cover making sure no debris is stuck in between chamber and frame. Ensure frame flange is fully supported.

7.



Pack the as-dug material from the excavation process into the cavity between chamber and excavation and compact it.

8.



To finish off the installation, lay your finishing material up to the access cover frames edge.

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