DURAFIX-PLUS

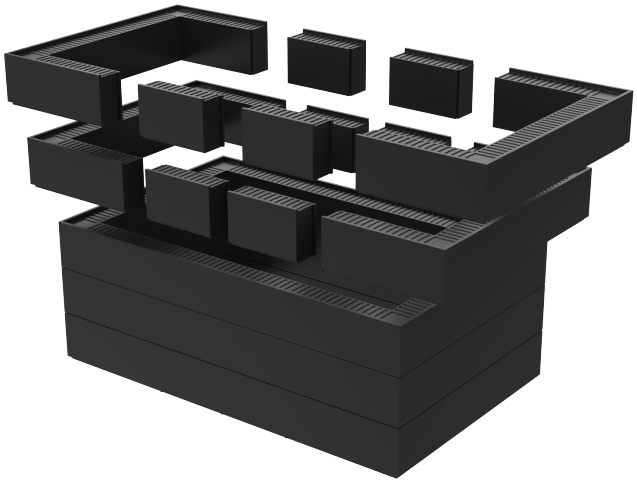
HIGH RIGIDITY POLYMER CHAMBER SECTIONS

UTILITY PRODUCTS TD

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

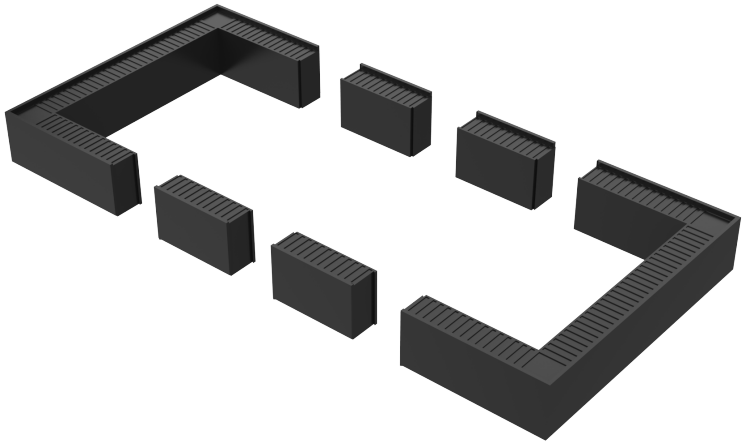
Designed for underground utility networks, the system utilises a twin-wall, interlocking construction to provide a strong, lightweight, and hassle-free installation solution.

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

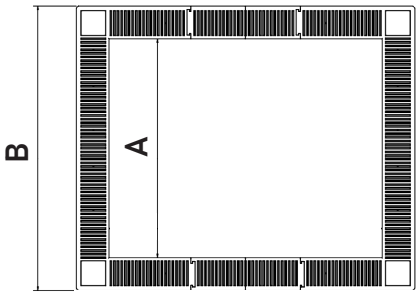
- Manufactured from high-quality recycled polypropylene
- Resistant to attack from most forms of chemical erosion
- Twin-wall design with reinforced internal web structure
- Section depths: 150 mm (standard), with 50 mm and 25 mm options available
- Engineered for high strength while maintaining low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

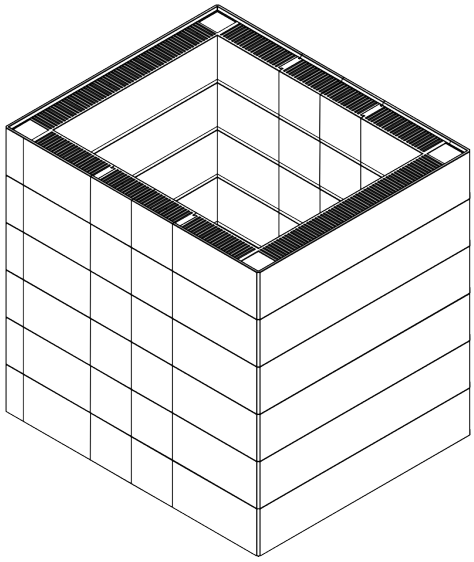
Benefits

- 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
900 x 600 mm	1100 x 800 mm	150mm	D400	10.8kg	379452
900 x 675 mm	875 x 1100 mm	150mm	D400	11.5kg	379453
900 x 900 mm	1100 x 1100 mm	150mm	D400	11.7kg	379472
950 x 750 mm	950 x 1100 mm	150mm	D400	11.6kg	379454
1000 x 675 mm	875 x 1200 mm	150mm	D400	12kg	379455
1000 x 1000 mm	1200 x 1200 mm	150mm	D400	13.1kg	379456
1200 x 600 mm	1400 x 800 mm	150mm	D400	12.7kg	379457
1200 x 675 mm	875 x 1400 mm	150mm	D400	13.3kg	379458
1200 x 750 mm	950 x 1400 mm	150mm	D400	14kg	379459
1200 x 900 mm	1400 x 1100 mm	150mm	D400	14kg	379460
1300 x 600 mm	800 x 1500 mm	150mm	E600	13.1kg	379461

*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

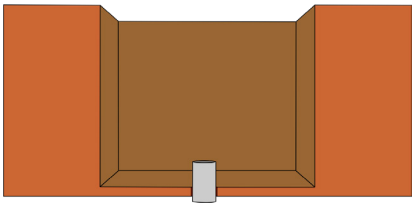
Reinforcement for areas with up to 13 tonne Axle Load									
	Depth in mm		Longest wall length in mm						
Ring No.	From	To	1000	1050	1200	1250	1300	1350	1400
Top	0	150							
2	150	300	R	R	R	R	R	R	R
3	300	450			R	R	R	R	R
4	450	600		R			R	R	R
5	600	750	R			R			R
6	750	900			R			R	
7	900	1050		R			R		R
8	1050	1200				R		R	
9	1200	1350		R	R		R		
10	1350	1500	R						R
11	1500	1650				R		R	
12	1650	1800			R		R		R
13	1800	1950				R		R	
14	1950	2100		R			R		R
15	2100	2250			R			R	
16	2250	2400	R			R			R
17	2400	2550					R	R	R
18	2550	2700		R	R	R	R		
19	2700	2850						R	R
20	2850	3000			R	R	R		R

Reinforcement for areas with up to 2 tonne Axle Load									
	Depth in mm		Longest wall length in mm						
Ring No.	From	To	1000	1050	1200	1250	1300	1350	1400
Top	0	150						R	R
2	150	300							
3	300	450							
4	450	600							
5	600	750							
6	750	900		R					R
7	900	1050						R	
8	1050	1200	R				R		
9	1200	1350				R			
10	1350	1500						R	
11	1500	1650					R		
12	1650	1800				R			
13	1800	1950							
14	1950	2100							
15	2100	2250		R		R			
16	2250	2400			R				
17	2400	2550							
18	2550	2700							
19	2700	2850		R					
20	2850	3000							

Chamber Installation

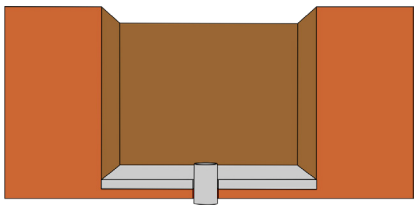
*Use in conjunction with TD installation guide

1.



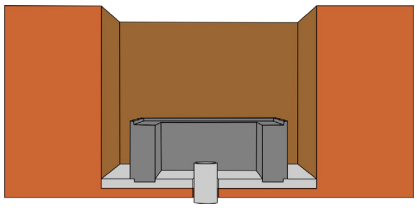
Dimensions of excavation: Length x Width x Height. Please allow additional depth for cover and frame required plus the mortar bed.

2.



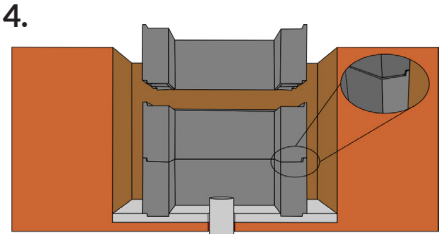
Pour a concrete base to act as the foundation. Alternatively dry mix or compacted stone may be used. Thickness of the base is of the preference of the on-site engineer.

3.



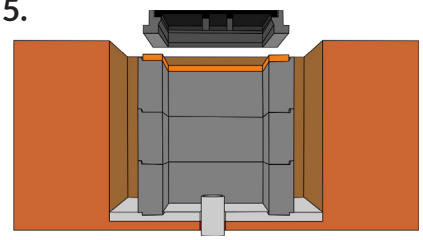
Lower the first section of the chamber into the excavation. Push the first section down into the wet cement making sure it is central and level.

4.



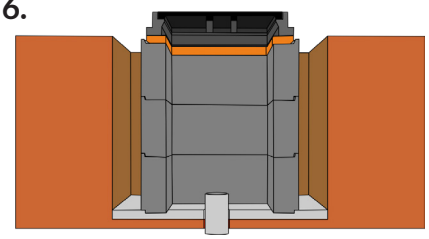
Insert the remaining sections making sure they are correctly aligned.

5.



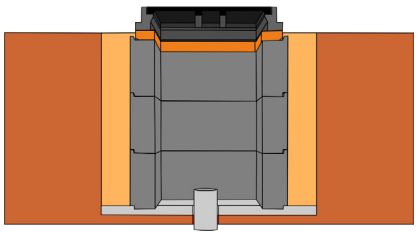
Once the concrete base has cured, using appropriate bedding mortar (Refer to TD installation guide) Install the cover on the chamber sections.

6.



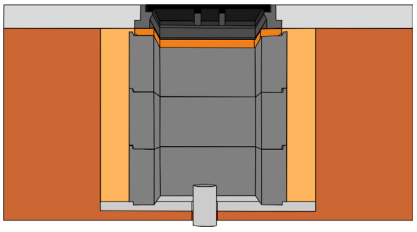
Check the fit of the access cover making sure no debris is stuck in between chamber and frame. Ensure frame flange is fully supported.

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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