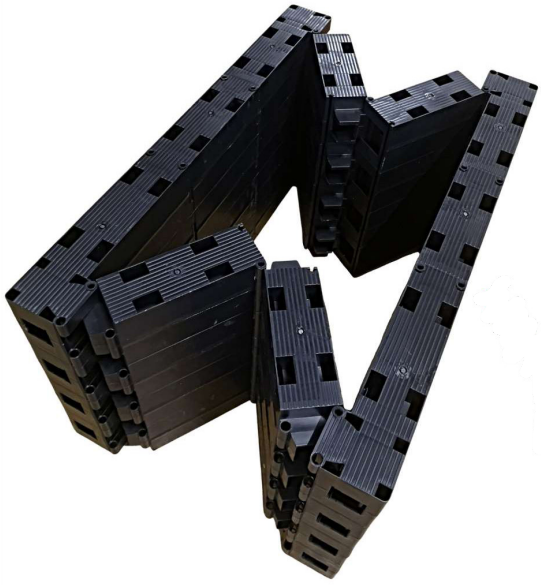
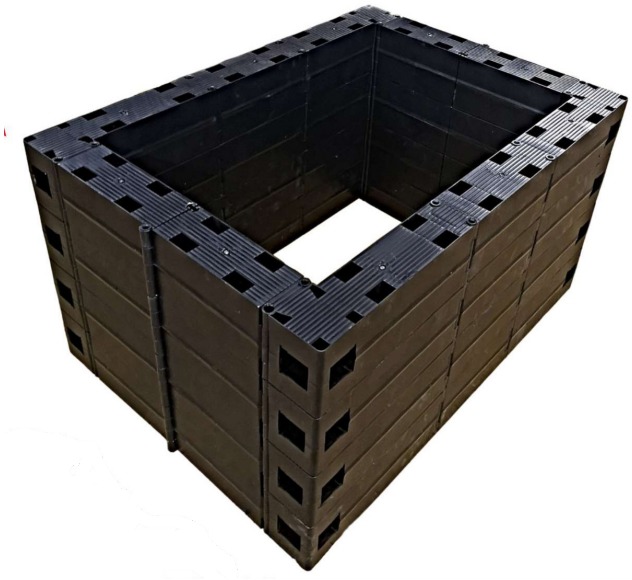
DURAFIX-MAX

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

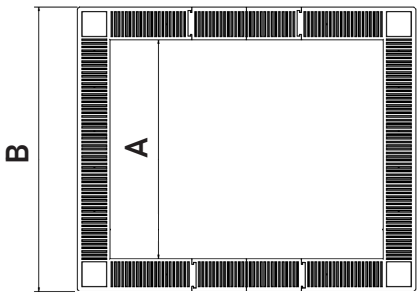
- Manufactured from high-quality recycled polypropylene
- Resistant to attack from most forms of chemical erosion
- Twin-wall design with reinforced internal web structure
- Section depths: 150 mm (standard), with 50 mm and 25 mm options available
- Engineered for high strength while maintaining low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

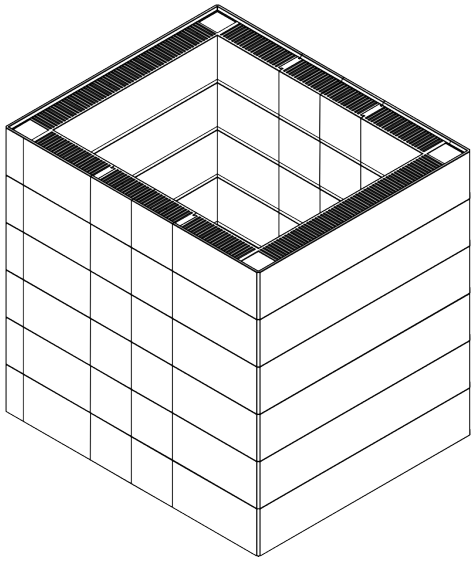
Benefits

- 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
1200 x 1200 mm	1400 x 1400 mm	150 mm	D400	15.1	379462
1500 x 750 mm	1700 x 950 mm	150 mm	D400	14.7	379463
1500 x 900 mm	1700 x 1100 mm	150 mm	D400	15.4	379464
1800 x 675 mm	2000 x 875 mm	150 mm	D400	15	379465
1500 x 1500 mm	1700 x 1700 mm	150 mm	D400	19	379466

*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

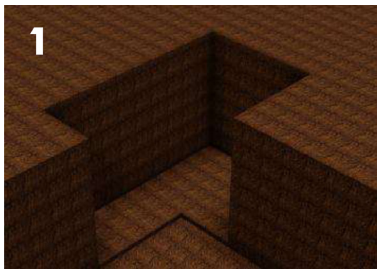
Ring No.	Depth in mm From	To	Longest wall length in mm 1000	1050	1200	1250	1300	1350	1500	1650	1800	1950	2000	2100	2500
Top	0	150										Use External Reinforcing Call 01215212500 for more infomation			
2	150	300	R	R	R	R	R	R	R	R	R				
3	300	450			R	R	R	R	R	R	R				
4	450	600		R			R	R		R	R				
5	600	750	R			R			R						
6	750	900			R			R			R				
7	900	1050						R			R				
8	1050	1200					R			R					
9	1200	1350		R	R		R			R					
10	1350	1500	R												
11	1500	1650				R		R	R		R				
12	1650	1800			R		R			R					
13	1800	1950				R		R	R		R				
14	1950	2100		R			R			R					
15	2100	2250			R			R			R				
16	2250	2400	R			R			R						
17	2400	2550					R	R		R	R				
18	2550	2700		R	R	R	R		R	R					
19	2700	2850						R			R				
20	2850	3000			R	R	R		R	R					

Reinforcement for areas with up to 2 tonne Axle Load

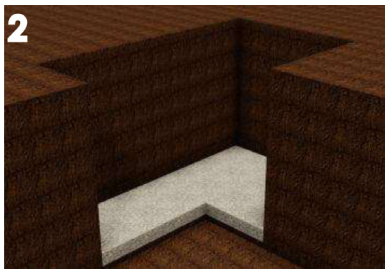
Ring No.	Depth in mm From	To	Longest wall length in mm 1000	1050	1200	1250	1300	1350	1500	1650	1800	1950	2000	2100	2500
Top	0	150													Use External Reinforcing Call 01215212500 for more infomation
2	150	300		R	R	R	R	R	R	R	R	R	R	R	
3	300	450													
4	450	600												R	
5	600	750										R	R		
6	750	900		R							R				
7	900	1050						R		R			R	R	
8	1050	1200	R				R		R			R			
9	1200	1350				R					R		R	R	
10	1350	1500						R		R		R		R	
11	1500	1650					R				R		R		
12	1650	1800			R	R			R			R		R	
13	1800	1950						R		R	R	R	R	R	
14	1950	2100					R						R		
15	2100	2250		R		R		R	R	R	R	R		R	
16	2250	2400	R		R							R	R	R	
17	2400	2550					R	R		R	R		R	R	
18	2550	2700			R	R			R		R	R	R	R	
19	2700	2850		R			R	R		R		R		R	
20	2850	3000			R	R	R		R		R	R	R	R	

Chamber Installation

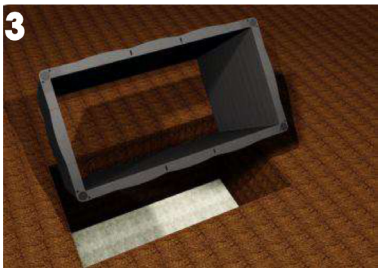
*Use in conjunction with TD installation guide



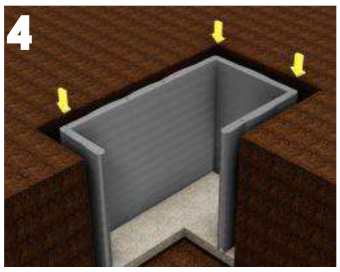
Dimensions of excavation:
Length x Width x Height. Please allow additional depth for cover and frame required plus the mortar bed.



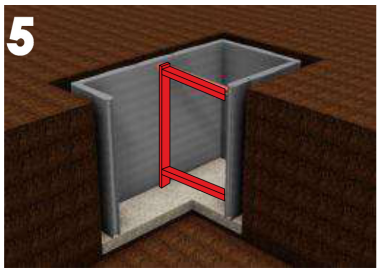
Pour a concrete base to act as the foundation. Alternatively dry mix or compacted stone may be used. Thickness of the base is of the preference of the on-site engineer.



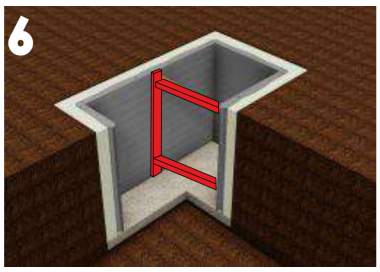
Lower the chamber into the excavation and push the first section down into the wet cement making sure it is central and level.



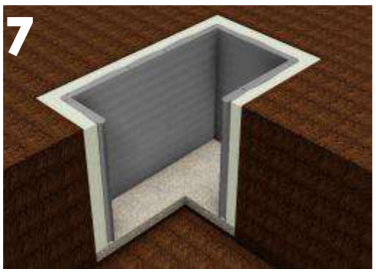
If installing onto wet concrete then ensure that it sinks in to this concrete by a minimum of
20mm.



Chamber wall lengths of 1000mm and above must be strutted to prevent the backfilling process to cause side wall deflection.



When the chamber is braced, backfilling can
take place at 300mm deep sections at a time.



Frame of cover can be fixed to chamber and after curing has taken place the central bracing can be removed and cover can be installed.

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