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EcoPlus D400 Chamber

High Strength Composite Duct Access Chamber System

Designed to be a quick-build alternative to concrete or brick built chambers, this high strength structural chamber is manufactured from recycled Polymors. EcoPlus are 150mm deep ring sections that can simply be stacked on top of each other to the required depth to complete a totally load bearing chamber. The twin wall design incorporates internal support ribs which give the finished chamber its inherent strength.

The chamber must be braced by a strut/struts to prevent the backfilling process to cause side wall deflection, for chamber wall lengths of 900mm and above. When the chamber is braced, backfilling can take place at 300mm deep sections at a time.

- 100% RECYCLED PLASTIC – REDUCED CARBON FOOTPRINT
- B125, D400 & F900 LOADINGS
- STRUCTURAL & LOADBEARING
- LIGHTWEIGHT & DURABLE
- PRE-DRILLED DUCT ENTRIES AVAILABLE
- REDUCED H&S RISKS FOR SITE PERSONNEL
- ENVIRONMENTALLY FRIENDLY – MANUFACTURED FROM FULLY RECYCLABLE RAW MATERIAL



Duct Access – Street Lighting – Traffic Signals – Telecommunications – Metering - Valves

The chamber system has been extensively and independently tested at **Lloyds British PLC**. These tests have concluded that the chamber design surpasses EN124 B125, D400 & F900 requirements for vertically applied loads. The clear openings available match EN124 access cover and frame dimensions allowing easy pairing of correct chamber to cover. The twin wall design is 100mm thick providing a suitable bedding area for the access cover frame and subsequent transferral of loads through the chamber, in-line with Highways Agency requirements. The surface area on top of each section is also serrated in the corners for improved adhesion with resin mortars.



Clear Opening	D400 Loading	Clear Opening	D400 Loading
		1200 x 1200mm	Yes
900 x 600mm	Yes	1300 x 600mm	Yes
900 x 750mm	Yes	1300 x 850mm	Yes
900 x 900mm	Yes	1500 x 750mm	Yes
1000 x 1000mm	Yes	1500 x 900mm	Yes
1200 x 600mm	Yes	1500 x 1200mm	Yes
1200 x 675mm	Yes	1500 x 1500mm	Yes
1200 x 750mm	Yes	1800 x 1200mm	Yes
1200 x 900mm	Yes	2000 x 2000mm	Yes