

Access Chamber Systems



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LITEBOX™

Description



B125

LITEbox™ is a light duty, pre-formed underground access chamber for most types of ducting application.

The chamber is delivered either as a compact lightweight flat-pack consisting of easily assembled components or as pre-assembled units as specified.

Litebox is a modular system comprising of different sizes of wall panels which fit together to provide a wide range of chamber sizes.

- Suitable for EN124 A15 (free standing) and B125 (with concrete surround) Applications
- Injection moulded from 100% Recycled Polypropylene
- Stress free mouldings with excellent long-term performance and chemical resistance
- The external wall is patterned such that a concrete surround will flow into voids, adding to the structural strength of the system
- Panels are easy to assemble, and designed to push fit together at the corners with a snapfit locking mechanism
- Panels have pre-marked holes which take duct sizes from 63mm to 178mm
- A range of composite and galvanised covers and frames are available for all sizes
- Covers and frames to fit straight onto the box, transferring applied load evenly

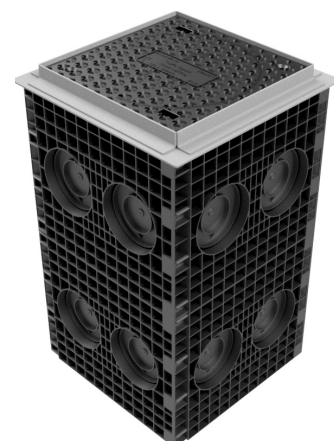
Network Application

During new construction, Litebox can be installed concurrently with the duct systems.

- The installed chamber shall have a minimum C20 concrete base and surround. Base to be minimum 100mm thick and surround to be minimum 150mm. The bottom ring of the chamber to be set into the base by approx. 25mm
- When installed the chambers meet the Highway Regulations of minimum depth of cover in both footways and road verges
- For traffic signal/street lighting applications the covers are composite material and fit closely within a galvanised steel frame. Covers are black in colour and have integral lifting keyholes and an anti-skid pattern on the upper surface

Packing

Compact packaging minimises transport costs, stockholding and storage space.



FEATURES

- One stop installation
- Simple - Fast - Reliable
- Lightweight, flat-packed for cost effective transportation & storage
- Maximum flexibility of duct entry location in side or end walls
- Excellent vertical & sidewall stiffness
- Excellent chemical & weathering resistance

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Standard sizes

Single wall panels are available in standard sizes which can be used in any combination to build modular chambers of required height, width and length.

Depth Options

All sizes are moulded in 300mm deep panels. Units clip and stack together up to three units high to produce the required depth.

Dimensions - Clear Openings

| Sizes (mm) | Product Code | Pre-built Pallet qty |
|-----------------|--------------|----------------------|
| 300 × 300 × 300 | UY1610 | 36 |
| 450 × 300 × 300 | UY1614 | 24 |
| 450 × 450 × 300 | UY1618 | 12 |
| 600 × 450 × 300 | UY1626 | 12 |
| 600 × 600 × 300 | UY1630 | 13 |

Width & Length

Any combination of standard wall panels.

Covers & Frames

A range of composite and galvanised covers and frames are available for all sizes

Packing

LITEbox™ is supplied flat packed as standard providing easy handling, cost effective transportation and minimum storage space. Also available pre-built.

