

Access Chambers Systems

RADBOX® VC2 Mini-Pillar 750x750x800mm

Description

Radbox® is a high performance, pre-formed underground access chamber specially designed to meet the requirements of the ESB Mini-Pillar VC2 vault and is approved by ESB.

The chamber is delivered as a compact lightweight flat-pack consisting of easily assembled components consisting of panels and corners.

TECHNICAL FEATURES

- Clear openings : 900(l)x 750(w) and 800mm
- Clear openings once fitted with Mini-Pillar: 750x750mm clear openings
- Depth: 800mm
- EN124 Class D400*
- Moulded from High Density Polyethylene (HDPE) using structural foam moulding techniques
- Stress free mouldings with excellent long-term performance and chemical resistance
- Immediate load-bearing strength
- No need for concrete backfill or raising frame

*Suitable for pavements and slow traffic areas without the need for concrete backfill. Special installation instructions apply for carriage way applications.

Network Applications

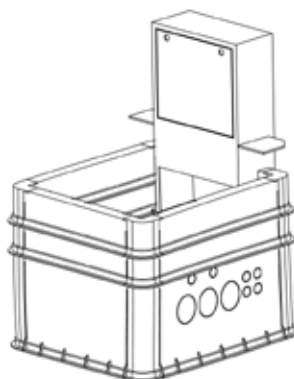
Radbox® is suitable for green field and brown field construction and can be installed concurrent with duct systems.

- Simple - no lifting equipment
- Fast - enables access between peak traffic periods
- Reliable - pre-formed quality and strength
- Easy cut duct entries and benching

Components

Pack includes:

- 4No 750mm x 500mm(h) wall panels
- 8No 750mm x 150mm(h) wall panels
- 4No 500mm(h) corners
- 8No 150mm(h) corners
- Mounting bracket
- Closer plates
- Knock-out duct entries



BENEFITS

- 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



Compact packaging minimises transport costs, stockholding and storage space.

NOTE: Chamber depth can be amended to suit your needs by using a different combination of 150mm and 500mm height panels. Please contact our sales team.

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Covers & Frames

We supply approved VC2 B125 Ductile covers badged ESB or SIRO.

We can also supply other cover types and load ratings where required including composite, recessed or concrete.



Furniture

Purpose designed accessories fix securely with special fastenings.

Floors are also available.



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Assembly Guide



1 Flat-pack consisting of wall panels, corner pieces, mounting bracket and two closer plates.



2 Prepare components for the bottom section. It may be convenient to drill the duct holes at this stage.



3 Slide the end panel into place.



4 Drive home using a wooden batten. Do not hit the plastic directly. Assemble remaining end panel and corners.



5 Put the top section in place. Push down until it clicks into place.



6 When the box is in its final position In the ground, slide the minipillar into place .



7 Position the frame accurately. Adjust the mini-pillar to sit firmly against the frame. Tap the closer plates into place.



8 The chamber is now complete (frame not shown).