



STAKKAbox™ Quad for BT Openreach

The modern alternative to brick built chambers on new sites

STAKKAbox™ Quad (formerly Quadbox) is a range of modular and structural preformed access chambers, supplied by CUBIS Industries. Quad is the only modular access chamber approved for use on BT Openreach networks and is available in the 102, 104 and 106 sizes,

The system provides contractors with a means of constructing access chambers quickly and inexpensively, whilst offering improved build quality, reduced defects and enhanced site safety performance.

Supplied in 150mm deep twinwall rings, STAKKAbox™ chambers are built by stacking sections to required depth. Each section weighs under 25kg, making it suitable for a single person to lift under manual handling guidelines.

The Quad system is moulded in HDPE and possesses excellent strength to weight properties. Each section is ribbed internally to improve loading performance.

Using the Quad system, complete chambers can be constructed from excavation to reinstatement in **less than one hour**.



Approved by:

openreach

a BT Group business



Key benefits



Simple Installation

Lightweight 150mm deep sections are stacked on top of a concrete or Type 1 base to build the chamber to the desired depth. There is no requirement for lifting plant or skilled box builders.



Improved build quality

No condemnation of boxes
Brick built boxes regularly produce variable build quality standards resulting in frequent rejection by Openreach inspectors. The use of STAKKAbox™ Quad eliminates this variability and offers a consistent installation every time.



Easy to overbuild

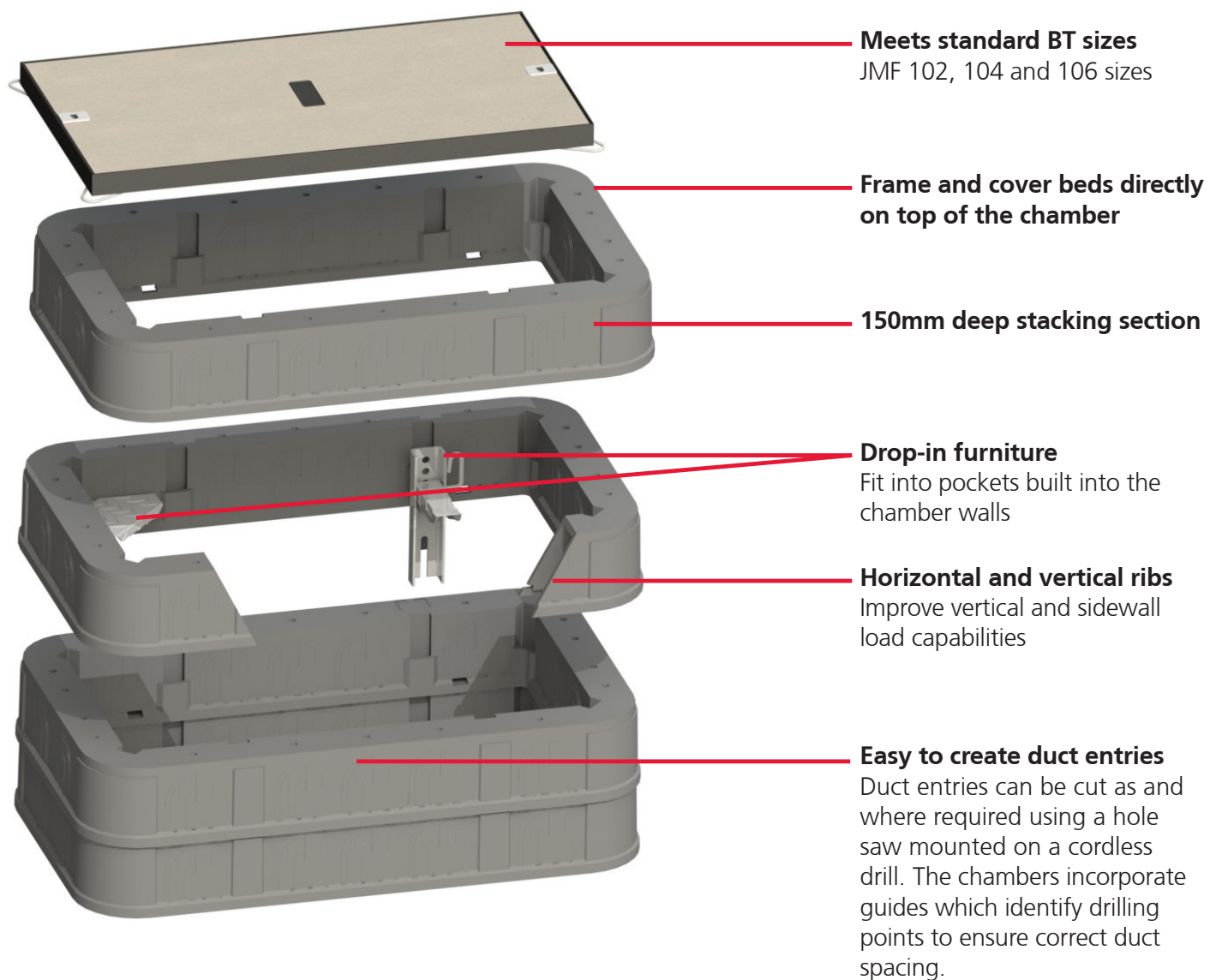
Quad can be used to insert chambers over an existing network or for replacing chambers that have been damaged or need to be enlarged. Where required, rings can be cut to bridge over or around existing telecoms networks or other obstacles.



Fast Reinstatement

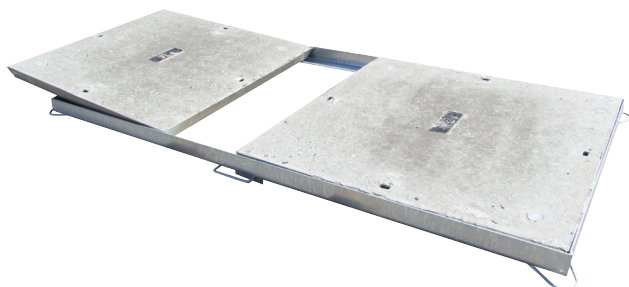
Complete chambers can be constructed from excavation to reinstatement in less than one hour. This fast-track construction method saves time and money for the installer and reduces public liability risk.

Product Design & Features



Access Covers

CUBIS Industries manufacture a range of access covers that suitable for use with the STAKKAbox™ Quad system. Please contact us for more information or availability.



Concrete Infill (B125)

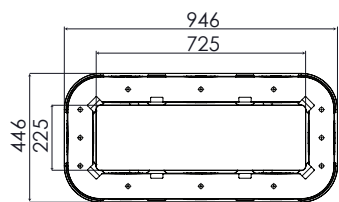
- Covers lift and slide out for one-person operation.
- No inherent scrap value.
- Can be locked
- Kitemarked by BSI
- The only approved Concrete Infill cover for BT, Virgin Media and other network operators.



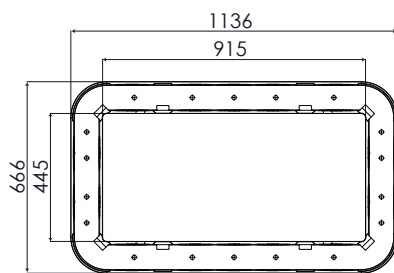
Recessed (B125)

- 86mm deep to suit 60mm block
- Can be filled with any type of material
- Tapered cover sides and centralised lifting keyholes for single-person lift out.
- Can be locked
- Kitemarked by BSI
- The only approved Recessed cover for BT, Virgin Media and other network operators.

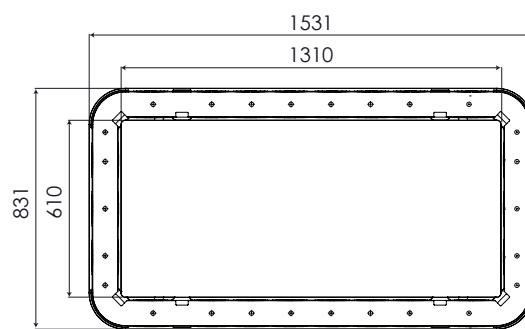
Product Profile



JMF 102 - 725mm x 225mm

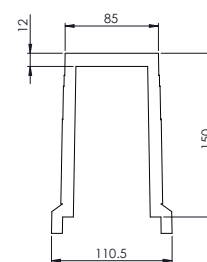


JMF 104 - 915mm x 445mm



JMF 106 - 1310mm x 610mm

BT Code	Internal Dimensions	Depth per section	Typical depth of chamber	Weight per section	CUBIS Product Code	Pallet qty
JMF 102	725mm x 225mm	150mm	600mm	6.64kg	CPQBQ2-07250255-000000000	42
JMF 104	915mm x 445mm	150mm	600mm	13.62kg	CPQBQ4-09150445-000000000	32
JMF 106	1310mm x 610mm	150mm	750mm	18.79kg	CPQBQ6-13100610-000000000	17



Cross section of single section

Accessories



Drop-in Step



Drop-in Wall Bracket

Note - picture shows bearer and locking pin

Which accessories do I need?

Based on chambers that are built to standard depth

BT Code	Drop-in Wall Bracket and Bearers	Drop in Step
JMF 102	✓	
JMF 104	✓	
JMF 106	✓	✓

Frequently Asked Questions

Do I need cable bearers?

Bearers and locking pins are issued by British Telecom. Contractors will only require a drop-in wall bracket. For non-BT installations, please contact us for pricing for accessories.

What vertical loading?

STAKKAbOX™ Quad is suitable for installations in areas rated C250 under BS: EN124: 1994. Quad is only approved for BT Openreach installations in pedestrian areas that are rated B125.

When do I need a step?

A step is required for a chamber deeper than 600mm. Chambers deeper than 600mm will require an extra step after every additional 300mm.

How do I create duct entries?

Duct entries are best created using a hole-saw and drill (compressed air, battery or 110v).

The following questions are BT-specific. Contact us for non-BT installations.

What base is required?

A base can be constructed from: 50mm of dry mix concrete on 100mm of compacted Type 1; 150mm of compacted Type 1; 150mm deep concrete base (C20 or dry mix) or 50mm of ready mix concrete on 100mm of compacted Type 1.

What backfill materials?

Unless agreed with local site representatives, the backfill should be Type 1 material, compacted in 150mm layers using a powered compactor.

CUBIS publishes installation guidelines for installing Quad. Download it from www.cubisindustries.com/product_catalogue_stakkabox_quad.asp

Product in Use



Security Options

CUBIS manufactures a three plate sub-security system (above), that is approved by BT Openreach for securing networks. It can be pre-fitted to a Quad section for ease of installation.

Please contact us for more details.

SYSTEM_QUADBOX
V1.0 08/04/2013

Available from:

STAKKAbox™ Quad is available through CUBIS' distributor network and CUBIS direct.

Please contact us for pricing and your nearest distributor locations.

Contact us:

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web: www.cubisindustries.com **email:** info@cubisindustries.com **telephone:** +44 (0)28 38 313 100

