Chambers

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Rectangular Inspection Chambers

Keeline’s range of precast concrete rectangular inspection chambers offers suitable access to drainage and cable systems. Being made of high strength concrete in factory controlled conditions there is no necessity to surround units with in-situ concrete, thus making them an economic solution to the need for access to underground utilities.

A choice of top covers and surrounds to suit various loading conditions is available.

For use in highway and domestic situations
No need for concrete surround
Comprehensive range of concrete cover slabs and surrounds
Manufactured to BS Kitemark Scheme BS EN 5911-200 Part 2.

### Description Units (mm)

<table>
<thead>
<tr>
<th>Description</th>
<th>Weight per unit (kg)**</th>
<th>No of units per pallet</th>
<th>Wall/Slab thickness (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>600 x 450 x 150 section</td>
<td>40</td>
<td>12</td>
<td>40</td>
</tr>
<tr>
<td>600 x 450 x 225 section</td>
<td>65</td>
<td>8</td>
<td>40</td>
</tr>
<tr>
<td>600 x 450 x 300 section</td>
<td>85</td>
<td>6</td>
<td>40</td>
</tr>
<tr>
<td>600 x 450 x 150 frame</td>
<td>4</td>
<td>8</td>
<td>150</td>
</tr>
<tr>
<td>600 x 450 x 55 lid</td>
<td>50</td>
<td>16</td>
<td>55</td>
</tr>
<tr>
<td>750 x 600 x 150 section</td>
<td>60</td>
<td>6</td>
<td>55</td>
</tr>
<tr>
<td>750 x 600 x 250 section</td>
<td>100</td>
<td>4</td>
<td>55</td>
</tr>
<tr>
<td>750 x 600 x 150 section (70 cover slab + 450 x 450 access)</td>
<td>75</td>
<td>8</td>
<td>70*</td>
</tr>
<tr>
<td>1000 x 675 x 150 section</td>
<td>94</td>
<td>6</td>
<td>60</td>
</tr>
<tr>
<td>1000 x 675 x 250 section</td>
<td>130</td>
<td>4</td>
<td>60</td>
</tr>
<tr>
<td>1000 x 675 x 76 cover slab (600 x 450 access)</td>
<td>130</td>
<td>8</td>
<td>75*</td>
</tr>
<tr>
<td>1200 x 750 x 150 section</td>
<td>130</td>
<td>6</td>
<td>75</td>
</tr>
<tr>
<td>1200 x 750 x 250 section</td>
<td>200</td>
<td>4</td>
<td>75</td>
</tr>
<tr>
<td>1200 x 750 x 80 cover slab (600 x 600 access)</td>
<td>185</td>
<td>6</td>
<td>80*</td>
</tr>
</tbody>
</table>

* Effective thickness ** Approximate weights

BT Approved Comms Boxes – Precast

A unique cable and junction protection box offering easy access for maintenance. This reinforced concrete unit can be installed in minutes with the one piece construction design preventing ground water leakage and associated assembly requirements.

** Reinforced walls
** Ironmongery fitted
** Reduced carbon footprint.

#### Comms J4

![Comms J4 Diagram]

- **Dimensions**
  - Length (mm): 900
  - Width (mm): 430
  - Height (mm): 800
  - Weight (Nominal): 615

- **Internal Dimensions**
  - Length: 900
  - Width: 430
  - Height: 800

- **Features**
  - Reinforced walls
  - Easily manoeuvred with lifting eyes
  - Reduced carbon footprint

#### Comms C2

![Comms C2 Diagram]

- **Dimensions**
  - Length (mm): 1200
  - Width (mm): 600
  - Height (mm): 895
  - Weight (Nominal): 1400

- **Internal Dimensions**
  - Length: 1200
  - Width: 600
  - Height: 895

- **Features**
  - Reinforced walls
  - Easily manoeuvred with lifting eyes
  - Reduced carbon footprint

* Maximum self weight = nominal + 5%, which should be used to size lifting equipment.
** BT N.I. Approved.

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Utilities | Chambers

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Utilities | Chambers
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Keyline Utilities reserve the right to change product specifications without further notification.

The modern alternative to brick built chambers on new sites

STAKKAbox™ Quad (formerly Quadbox) is a range of modular and structural preformed access chambers. 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.

Comms DP

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Weight* (Nominal) (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal/Dimensions</td>
<td>910</td>
<td>890</td>
<td>1000</td>
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Comms MCX

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Weight* (Nominal) (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chamber</td>
<td>1300</td>
<td>850</td>
<td>900</td>
<td>2160</td>
</tr>
<tr>
<td>Rear</td>
<td>1300</td>
<td>850</td>
<td>300</td>
<td>470</td>
</tr>
<tr>
<td>Concrete Cover Slab</td>
<td>1570</td>
<td>1120</td>
<td>150</td>
<td>660</td>
</tr>
</tbody>
</table>

*Maximum self weight = nominal + 5%, which should be used to size lifting equipment.

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 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.

Storage Tanks and Interceptors – See page 204

Comms MCX Dimensions Length (mm) Width (mm) Height (mm) Weight* (Nominal) (kg)
Expected values
Chamber 1300 850 900 2160
Rear 1300 850 300 470
Concrete Cover Slab 1570 1120 150 660
*Maximum self weight = nominal + 5%, which should be used to size lifting equipment.

BT Approved Comms Boxes – Precast

Comms DP

Comms MCX

Comms MCX Dimensions Length (mm) Width (mm) Height (mm) Weight* (Nominal) (kg)
Chamber 1300 850 900 2160
Rear 1300 850 300 470
Concrete Cover Slab 1570 1120 150 660
*Maximum self weight = nominal + 5%, which should be used to size lifting equipment.

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Chamber 1300 850 900 2160
Rear 1300 850 300 470
Concrete Cover Slab 1570 1120 150 660
*Maximum self weight = nominal + 5%, which should be used to size lifting equipment.

BT Approved Comms Boxes – Plastic

Quad for BT Openreach

Comms DP

Comms MCX

Comms MCX Dimensions Length (mm) Width (mm) Height (mm) Weight* (Nominal) (kg)
Chamber 1300 850 900 2160
Rear 1300 850 300 470
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*Maximum self weight = nominal + 5%, which should be used to size lifting equipment.

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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.

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Storage Tanks and Interceptors – See page 204

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Rear 1300 850 300 470
Concrete Cover Slab 1570 1120 150 660
*Maximum self weight = nominal + 5%, which should be used to size lifting equipment.

BT Approved Comms Boxes – Plastic

Quad for BT Openreach

Comms DP

Comms MCX

Comms MCX Dimensions Length (mm) Width (mm) Height (mm) Weight* (Nominal) (kg)
Chamber 1300 850 900 2160
Rear 1300 850 300 470
Concrete Cover Slab 1570 1120 150 660
*Maximum self weight = nominal + 5%, which should be used to size lifting equipment.

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Comms MCX Dimensions Length (mm) Width (mm) Height (mm) Weight* (Nominal) (kg)
Chamber 1300 850 900 2160
Rear 1300 850 300 470
Concrete Cover Slab 1570 1120 150 660
*Maximum self weight = nominal + 5%, which should be used to size lifting equipment.
Plastic Chambers

STAKKAbox™ is a range of sectional, modular and structural prefabricated access chambers, manufactured from a range of plastic materials.

Each chamber is made from 150mm deep stacking sections which interlock to offer flexibility in finished chamber depths.

Sections are twinwalled and ribbed horizontally to provide a product that is strong but light in weight. Access chambers are required in networks for cable joints and turns, inspection or anywhere where access is required to network equipment.

Benefits of using STAKKAbox™

Fast
Installation times are greatly reduced against traditional methods. Access chambers can be fully installed in less than one hour meaning roads and footpaths can be quickly reopened.

Reduced Costs
Faster installation times and reduced requirement for heavy lifting plant or specialist equipment.

Safe
All parts are below 25kg, meaning less accidents and time lost on site. STAKKAbox™ is safer than conventional methods while in storage, in transit, on site or in use.

Flexible
STAKKAbox™ can be easily adjusted on site to adjust in depth, fit around obstacles and retrofit on live networks. The range offers a wide-range of standard and bespoke sizes.

STAKKAbox™ can meet the performance of concrete. We offer proven non-conforming parts.

Environmental
Use STAKKAbox™ to reduce your carbon footprint. Our supplier makes use of recycled material and we recycle all waste and non-conforming parts.

Proven
Millions of access chamber systems already installed. STAKKAbox™ is the choice of utility operators throughout the world.

Accessories
Access chambers can be fitted with a range of accessories to make installation faster and easier and improve on finished build construction.

Stackable base sections, including non-slip and ramp bases, which provide a free point for removal of water

Cable Management, including galvanised steel brackets and ladders

Duct Entries, pre-fitted before reaching site with caps and bellmouths

Steps for deeper chambers

Security systems to prevent unwanted access into the chamber.

Materials

Glass Reinforced Polyester Resin (GRP)

Material: Glass Reinforced Polyester Resin (GRP)

ULTIMA is ideal for roadway installations as the material used does not suffer from creep, the process where an unsupported or non-compacted sidewalk can move over time due to loading from traffic. In addition it provides a much more rigid sidewalk in larger chambers and has good thermal stability in extremes of temperature.

ULTIMA is available in a fire retardant material to BS 4589 and UL94 V0. Offering extreme flexibility, ULTIMA can be fabricated to manufacture any chamber dimension.

ULTIMA: Standard Sizes

<table>
<thead>
<tr>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Depth (mm)</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>915</td>
<td>445</td>
<td>150</td>
<td>10.8</td>
</tr>
<tr>
<td>1200</td>
<td>1200</td>
<td>150</td>
<td>20.4</td>
</tr>
<tr>
<td>1310</td>
<td>610</td>
<td>150</td>
<td>14.1</td>
</tr>
<tr>
<td>1310</td>
<td>850</td>
<td>150</td>
<td>15.8</td>
</tr>
<tr>
<td>1500</td>
<td>750</td>
<td>150</td>
<td>15.7</td>
</tr>
</tbody>
</table>

Large Chambers

ULTIMA has been used to construct large bespoke chambers for a number of high-profile construction projects including power stations, sports stadia and city centre redevelopments.

The chambers can be utilised to accommodate high voltage joints and turns, large water valves or any other utility enclosure. Each chamber is fast and easy to install and is flexible to adapt in production and on site.

To date, the largest size produced is 6m x 3m x 1m and the only restriction on even larger chambers is that the dimensions make it difficult to transport on roads.

Modula

MODULA is mostly utilised for footway installations but due to its excellent vertical load capacity it can also be installed in trafficked areas, in accordance with our installation specification.

It is available in two sub-types. Component Rings are assembled by combining connectors (which provide 75mm or 150mm towards the sidewalk length) and sidewalk pieces. Sidewalk pieces measure 100mm, 150mm, 300mm, 375mm, 450mm and 600mm. Chambers can be ‘brickwork’ed to offset the joints and improve the overall sidewalk strength.

Solid rings are the most popular component ring sizes, moulded in a single solid piece.

Bespoke Sizes

It is possible to build a wide range of sizes using the Modula component system.

Ring sections are built by combining connectors (which provide 75mm or 150mm to the sidewalk length) and sidewalk pieces. Sidewalk pieces measure 100mm, 150mm, 300mm, 375mm, 450mm and 600mm. Multiple units can be connected together in one sidewalk length to provide a wide range of sizes. Possible sidewalk lengths include: 150mm, 225mm, 300mm, 325mm, 350mm, 375mm, 400mm, 425mm, 450mm, 475mm, 500mm, 525mm, 550mm, 575mm, 600mm, 625mm, 650mm, 675mm, 700mm, 725mm, 750mm, 775mm, 800mm, 825mm, 850mm, 875mm, 900mm, 925mm, 950mm, 975mm, 1000mm, 1025mm, 1050mm, 1075mm, 1100mm, 1125mm, 1150mm, 1175mm, 1200mm.

Travis Perkins operates some of the leading brands in the industry, 20 businesses from more than 1,800 sites across the UK, including:

- Travis Perkins – One of the UK’s leading builders merchants, delivering more than 10,000 product lines from markets including electrical, plumbing and heating.
- Benchmarx – A leading distributor of ceilings, drywall, partitioning and fire protection to the construction industry.
- F & P Wholesale – A leading specialist distributor of pipeline, heating and mechanical services equipment serving customers across all industrial sectors within the UK and Ireland.
- Birchwood Price Tools – Leading specialist distributor of ceilings, drywall, partitioning and fire protection to the construction industry.
- Direct Heating Spares Limited – The independent merchants’ choice for heating, plumbing and bathroom products.
- Solfex Connections – A leading distributor of plumbing fittings and valves.
- Toolstation – One of the largest specialist distributors in the UK of high quality renewable energy systems.
- Connections – One of the largest specialist distributors in the UK of high quality renewable energy systems.
- The independent merchants’ choice for heating, plumbing and bathroom products.
- Travis Perkins – One of the UK’s leading builders merchants, delivering more than 10,000 product lines from markets including electrical, plumbing and heating.
- Modula – A leading specialist distributor of ceilings, drywall, partitioning and fire protection to the construction industry.
- Birchwood Price Tools (BPT) – The independent merchants’ choice for heating, plumbing and bathroom products.
- Benchmark Kitchens and Joinery – A leading distributor of plumbing fittings and valves.
- Modula – A leading specialist distributor of ceilings, drywall, partitioning and fire protection to the construction industry.
- Birchwood Price Tools (BPT) – The independent merchants’ choice for heating, plumbing and bathroom products.
- Benchmark Kitchens and Joinery – A leading distributor of plumbing fittings and valves.
Plastic Hydrant Chambers

Hydrant Chambers

Developed specifically for use by water companies throughout the UK and Ireland, the STAKKAbox™ Hydrant Chamber System offers an effective replacement to concrete sectional chambers.

The system is easy for one person to lift and is strong, supporting a minimum of 40 tonnes vertical loading. Each chamber section locks with the section above and below it, which provides exceptional sidewall stiffness. The system offers significant advantages in terms of safety on site as the chamber sections are considerably lighter than concrete.

<table>
<thead>
<tr>
<th>STAKKAbox™ Hydrant Section Weight (kg)</th>
<th>Concrete Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>25mm</td>
<td>75mm</td>
</tr>
<tr>
<td>380mm x 230mm</td>
<td>1.9kg</td>
</tr>
<tr>
<td>600mm x 450mm</td>
<td>1.9kg</td>
</tr>
</tbody>
</table>

The system offers flexibility as the chamber can be easily installed over existing valves using the split base system and sections can be cut on site to allow pipes to run through the chamber.

Unlike concrete, the chamber rings will not crack or break in storage or transport, preventing expensive scrapping of sections. The chamber is made from 100% recycled material and is 100% recyclable, helping to lower carbon emissions.

Material: Polypropylene (PP)
Vertical Loading: 40 tonnes (D400)
Typical Applications: Hydrant valves, air valves, sluice valves, meters, wash out chambers

Table: STAKKAbox™ Hydrant

<table>
<thead>
<tr>
<th>Ref</th>
<th>Clear Opening (mm)</th>
<th>Type</th>
<th>Depth (mm)</th>
<th>Loading</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO1</td>
<td>150 x 150</td>
<td>SV</td>
<td>75</td>
<td>D400</td>
</tr>
<tr>
<td>ECO2</td>
<td>150 x 150</td>
<td>SV</td>
<td>150</td>
<td>D400</td>
</tr>
<tr>
<td>ECO3</td>
<td>180 x 180</td>
<td>SV</td>
<td>75</td>
<td>D400</td>
</tr>
<tr>
<td>ECO4</td>
<td>180 x 180</td>
<td>SV</td>
<td>150</td>
<td>D400</td>
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<tr>
<td>ECO5</td>
<td>230 x 230</td>
<td>Valve</td>
<td>75</td>
<td>D400</td>
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<td>ECO6</td>
<td>230 x 230</td>
<td>Valve</td>
<td>150</td>
<td>D400</td>
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<tr>
<td>ECO7</td>
<td>430 x 290</td>
<td>Hydrant</td>
<td>75</td>
<td>D400</td>
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<td>ECO8</td>
<td>430 x 280</td>
<td>Hydrant</td>
<td>150</td>
<td>D400</td>
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<tr>
<td>ECO9</td>
<td>600 x 450</td>
<td>AV</td>
<td>75</td>
<td>D400</td>
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<tr>
<td>ECO10</td>
<td>600 x 450</td>
<td>AV</td>
<td>150</td>
<td>D400</td>
</tr>
<tr>
<td>ECO11</td>
<td>900 x 600</td>
<td>Meter</td>
<td>75</td>
<td>D400</td>
</tr>
<tr>
<td>ECO12</td>
<td>900 x 600</td>
<td>Meter</td>
<td>150</td>
<td>D400</td>
</tr>
<tr>
<td>ECO13</td>
<td>1200 x 675</td>
<td>PRV</td>
<td>75</td>
<td>D400</td>
</tr>
<tr>
<td>ECOBASE1</td>
<td>Base to suit 150 x 150</td>
<td>Base</td>
<td>50</td>
<td>D400</td>
</tr>
<tr>
<td>ECOBASE2</td>
<td>Base to suit 430 x 280</td>
<td>Base</td>
<td>50</td>
<td>D400</td>
</tr>
</tbody>
</table>

Benefits
- 100% recycled plastic
- ZERO breakages
- Significantly lighter than concrete
- Easier to transport/store
- Independently tested to BSEN124 D400 loadings
- No concrete surround required
- Compliant with BS5834
- 75mm and 150mm depths
- One-piece moulding
- Resistant to acids and alkalis
- UK manufactured.

Recycled Plastic Chambers

Keyline Utilities offer a range of recycled plastic chamber sections which are manufactured from 100% recycled PVC and have been designed as a direct alternative to concrete.

The system WILL NOT crack, shatter or break during transportation, storage or installation and are predominantly used as valve, hydrant and meter pits or to replace standard HIC’s. Independently tested to BSEN124 D400 loadings by Lloyd’s British PLC, the range is suitable for both footway and carriageway installations.

Fast and simple to install and a totally load bearing chamber, our recycled chamber system is the ideal solution for any underground chamber installation.

Material: Polypropylene (PP)
Vertical Loading: 40 tonnes (D400)
Typical Applications: Hydrant valves, air valves, sluice valves, meters, wash out chambers

Benefits
- 100% recycled plastic
- ZERO breakages
- Significantly lighter than concrete
- Easier to transport/store
- Independently tested to BSEN124 D400 loadings
- No concrete surround required
- Compliant with BS5834
- 75mm and 150mm depths
- One-piece moulding
- Resistant to acids and alkalis
- UK manufactured.

The system offers flexibility as the chamber can be easily installed over existing valves using the split base system and sections can be cut on site to allow pipes to run through the chamber.

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Table: Plastic Hydrant Chambers

<table>
<thead>
<tr>
<th>Ref</th>
<th>Clear Opening (mm)</th>
<th>Type</th>
<th>Depth (mm)</th>
<th>Loading</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO1</td>
<td>150 x 150</td>
<td>SV</td>
<td>75</td>
<td>D400</td>
</tr>
<tr>
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<td>150 x 150</td>
<td>SV</td>
<td>150</td>
<td>D400</td>
</tr>
<tr>
<td>ECO3</td>
<td>180 x 180</td>
<td>SV</td>
<td>75</td>
<td>D400</td>
</tr>
<tr>
<td>ECO4</td>
<td>180 x 180</td>
<td>SV</td>
<td>150</td>
<td>D400</td>
</tr>
<tr>
<td>ECO5</td>
<td>230 x 230</td>
<td>Valve</td>
<td>75</td>
<td>D400</td>
</tr>
<tr>
<td>ECO6</td>
<td>230 x 230</td>
<td>Valve</td>
<td>150</td>
<td>D400</td>
</tr>
<tr>
<td>ECO7</td>
<td>430 x 290</td>
<td>Hydrant</td>
<td>75</td>
<td>D400</td>
</tr>
<tr>
<td>ECO8</td>
<td>430 x 280</td>
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<td>ECO9</td>
<td>600 x 450</td>
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<td>D400</td>
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<tr>
<td>ECO11</td>
<td>900 x 600</td>
<td>Meter</td>
<td>75</td>
<td>D400</td>
</tr>
<tr>
<td>ECO12</td>
<td>900 x 600</td>
<td>Meter</td>
<td>150</td>
<td>D400</td>
</tr>
<tr>
<td>ECO13</td>
<td>1200 x 675</td>
<td>PRV</td>
<td>75</td>
<td>D400</td>
</tr>
<tr>
<td>ECOBASE1</td>
<td>Base to suit 150 x 150</td>
<td>Base</td>
<td>50</td>
<td>D400</td>
</tr>
<tr>
<td>ECOBASE2</td>
<td>Base to suit 430 x 280</td>
<td>Base</td>
<td>50</td>
<td>D400</td>
</tr>
</tbody>
</table>
Covers

**AX-S™ Range**

AX-S™ range of surface covers provide customers with a complete underground network access system as they are designed and manufactured from a range of materials to complement STAKKAbox™.

The AX-S™ range can be tailored to meet specified loading requirements from pedestrian up to carriageway duty and is available in a wide range of clear opening dimensions and depths.

Recessed

AX-S™ Recessed Covers for covering openings in landscaped areas.

The AX-S™ range has developed a reputation in the construction industry for being high-quality, safe to use, value for money and secure when installed.

Recessed Covers are already specified by a large number of end users and in particular are the sole approved recessed cover for British Telecom, Virgin Media, EDF Energy and Eircom. As a result, AX-S™ Recessed Covers have been installed in many high-profile landscaped projects in the UK, Ireland and further afield.

**At a Glance**

- The industry choice
- Side-out design means that filled covers can be safely lifted by one person
- Kitemarked for quality
- Can be securely locked
- Various depths available
- Deepseal sizes
- Manufactured from high quality materials
- Galvanised for long life
- Deepseal badging available

**Standard Sizes**

The tray is 75mm deep to suit 60mm pavoir. Overall depth of frame is 86mm. Frames are designed to allow each cover leaf to be lifted safely. This is achieved with multiple cover leaves and removable crosspieces if necessary.

All sizes are clear opening.

| 300mm x 300mm | 900mm x 900mm |
| 450mm x 300mm | 915mm x 445mm |
| 450mm x 450mm | 960mm x 610mm |
| 550mm x 315mm | 1200mm x 600mm |
| 600mm x 450mm | 1200mm x 1200mm |
| 610mm x 610mm | 1310mm x 610mm |
| 725mm x 255mm | 1690mm x 710mm |
| 750mm x 460mm | 2265mm x 710mm |
| 750mm x 600mm |

**Concrete Infill Covers**

Concrete Infill access covers for use in general construction and utility projects. Our supply chain partner has been the sole supplier of this type of cover to BT Openreach since 1994 and the product is also approved by a large number of other utility operators.

All covers display the British Standards Kitemark certifying them to Class B125 of BS EN124: 1994. The covers are suitable for use in footpaths, car parks, grass verges and areas with slow moving traffic including HPDs.

Covers are manufactured in galvanised steel, are factory filled with reinforced high strength concrete and badged to customer requirements. The covers are designed with manual handling regulations in mind featuring tapered sides and centralised lifting keyholes. All steel is hot dip galvanised to EN1461 to offer a life span often in excess of 30 years.

The cover range can be customised with bespoke badging and locking arrangements and any size of cover is possible.

The product has no inherent scrap value.

**Composite**

Composite access covers for use in areas rated up to B125.

The covers are manufactured from Sheet Moulding Compound (SMC), a type of glass reinforced polyester resin (GRP). This possesses a very high strength-to-weight ratio which results in a product that exceeds the loading requirements yet remains light enough for one person to lift.

The weight of each cover falls well below the 25kg manual handling limit so can be safely lifted by one person. SMC covers possess no inherent scrap value so are unattractive to thieves.

A wide range of clear opening sizes can be created by combined covers in a multi-leaf frame.

**Standard Sizes**

All sizes are clear opening.

| 300mm x 300mm | 300mm x 3000mm |
| 450mm x 3000mm | 450mm x 4500mm |
| 600mm x 4500mm | 600mm x 6000mm |
| 750mm x 7500mm | 800mm x 8000mm |
| 900mm x 4500mm | 900mm x 6000mm |
| 900mm x 9000mm |
| 915mm x 445mm | 1200mm x 12000mm |
| 1200mm x 6000mm |
| 1200mm x 9000mm |
| 1310mm x 610mm |

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Cycle Storage

Shelters

Bollards

Seating

Litter Bins

See our Street Furniture Guide for more information

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