



Brickhouse

MILD STEEL ACCESS COVERS AND
SECURITY PRODUCTS



EXPERTS IN THE DESIGN, FABRICATION AND INSTALLATION OF HIGH QUALITY ENGINEERED ACCESS COVER SOLUTIONS FOR YOUR INDUSTRY



COMPANY

Since 1928, Steelway Fensecure Ltd has continued to be the market leader in the field of fabrication excellence and expertise. We manufacture from our two state of the art production facilities, which are located in Wolverhampton and West Bromwich. To achieve our goals for expansion and growth, we are now split into 5 divisions, allowing a dedicated focus and expertise in each area.

QUALITY ASSURANCE AND ACCREDITATION

To meet and exceed the quality assurance expectations of our customers, Steelway are CE certified to execution class 3 and our operations are certified under PAS99, an Integrated Management System. PAS99 encompasses BS EN ISO 9001 - for Quality Management, BS EN ISO 14001 – for Environmental Management and OHSAS 18001 – for Health & Safety Management. We are certified by Achilles UVDB, RISQS, Building Confidence and due to the multitude of markets that we supply into, we are also committed to many other industry accreditation schemes, product certification and approvals. A full list is available on our website. Both sites are fully certified to produce security products to varying levels in line with LPS1175.



CUSTOMER COMMITMENT AND SERVICE

We continually aim to provide a high level of customer service and are continually monitoring and developing our systems to meet with the expectations of our customer base. The understanding of professional Key Account Management and commitment to KPI requirements are a daily occurrence for our teams. We are committed to build and nurture relationships in both the short and long term.



SUSTAINABILITY

Commitment to sustainable practises is paramount. Not only for the future of our own business, but to also support the goals and objectives of our customer base. From simple initiatives such as recycling and improvements in energy efficiency, sustainable solutions are also at the forefront of our minds during the early stages of any new product development. Reductions in material and scrap, optimum utilisation of laser cut components, improvements in production efficiency, packaging, transportation and overall improvisation of the products life expectancy are taken into consideration.



DESIGN & EXPERTISE

Our sales and design functions are equipped with the latest technology systems available. Utilising 3D CAD software, combined with communication and IT systems, we are able to provide our customers with a rapid response to enquiries and orders. Designing with 3D systems also allows for easy design verification prior to fabrication. We continue to invest in our design and fabrication facilities with plant, equipment, high speed automatic laser cutting equipment and software.



PROJECT SOLUTIONS & SUPPORT

Utilising our experienced sales teams, installation engineers and project managers we have the experience to take your product and project requirements from initial concept right through to commission. We welcome the opportunity to provide a complete package approach. This can include, design consultation and specification, site survey, quotation, design verification, manufacture, delivery, installation and final commissioning.



Steelway Brickhouse brand of access covers are uniquely positioned to provide a wide range of solutions for the utilities, commercial and industrial markets.

Combining traditional skills with today's innovative technology, Steelway Brickhouse now leads the field in product design, range and choice of material in access covers.

Steelway Brickhouse steel fabrications has a staff of able, experienced people who provide an unrivalled depth of knowledge and expertise in quality access covers and frames.

We will readily undertake the creation of modified or new designs to meet a customer's specific requirements.

The company provides full technical support on products, installation and specific market legislative requirements and standards.

Tel: 0121 521 4524/4525/4531/4500
Fax:0121 521 4551



Loading Criteria	Page 4
Accreditations	Page 5
Handling Regulations	Page 6
Galvanizing	Page 6
Installation Advice	Page 7
Internal Recessed Products	Page 9
External Recessed Products	Page 13
Solid Top Products	Page 19
Specialist Hinged Products	Page 23
Security Products	Page 31
Biomass Fuel Storage Products	Page 49
Ancillary Products	Page 53
Steelway Install	Page 55

INTRODUCTION

CRITERIA / ACCREDITATIONS

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Facta loading criteria

The Fabricated Access Cover Trade Association (FACTA) standard is recognised throughout the industry as the only standard to promote steel and composite access covers and frames.

The FACTA standard enables the customer to confidently specify fabricated access covers to their most suited load requirements for any given application, with the assurance that the products are fit for purpose, being designed and tested in accordance with guidelines detailed in the most recent structural European codes.

The standard has been constructed by banding the load bearing capabilities of the covers into a range of classifications, which are based on specific areas of application.

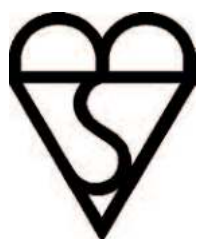
Further information on the FACTA standard can be obtained by contacting the 'Fabrication Access Cover Trade Association' on: 01827 52337

FACTA class	Traffic suitability of products		Slow moving wheel load	FACTA acceptance test	FACTA strength test
	Pneumatic tyres	Solid tyres			
A	Internal and external areas which can only be accessed by pedestrians or cycles ie. toilets, changing rooms, footways and cycle tracks		0.5T	0.5T	0.8T
AA	Very light industrial areas, where small trolleys and private cars/vans can manoeuvre ie. domestic driveways, trolley parks and hospital wards		1.5T	1.9T	3.1T
AAA	Delivery/service areas, shopping malls, light industrial areas	Light industrial areas, where trolleys and light pallet trucks operate	2.5T	3.2T	5.2T
B	Pedestrian precincts, forecourts, commercial delivery parking areas	Factories, industrial plants, where pick-up trucks and small pallet trucks operate	5T	6.3T	10.1T
C	Factories, industrial 'plants', special axle loads, kerbside drainage	Industrial areas where pallet and small forklift trucks operate	6.5T	8.3T	13.2T
D	Heavy duty plant areas, carriageways and industrial service roads for slow moving HGV's	Heavy duty industrial areas, where medium duty fork-lift trucks operate	11T	13.8T	22.0T

Standards BS EN 124

There are instances where market requirement dictates the use of the BS EN 124 standard for specific fabricated steel products.

The BS EN 124 standard divides products into minimum level classifications in accordance with their intended place of installation.



KM36158 BS EN 124

- Class F900:** Areas imposing particularly high wheel loads, (aircraft aprons etc.)
- Class E600:** Non-carriageway areas imposing high wheel loads, (docksides, airports etc.)
- Class D400:** Carriageways, hard shoulders and parking areas for all types of fast moving road vehicles (all carriageway locations restricted by wheel loading only).
- Class C250:** Carriageways carrying all classes of fast-moving traffic but within 0.5m of the kerbside/up to 0.2m into the footway (all carriageways restricted to the zones stated and by wheel loadings).
- Class B125:** Footway locations and access areas where slow-moving emergency, public service and delivery vans have access and may park (pedestrian precincts, commercial delivery access, refuse collection access, forecourts, paved parking areas).
- Class A15:** Access covers capable of withstanding a 1.5 tonnes test load. For use in areas where only pedestrians have access.

Note: Where there is any doubt, BS EN 124 specifies that the higher class product MUST be used.

If customers have any doubts or queries about the suitability of any Steelway Brickhouse product, they should contact the Steelway Brickhouse Customer Service Unit on: 0121 521 4525.

INTRODUCTION

ACCREDITATIONS

Quality Assurance

BS EN ISO 9001

Registered No: FS533713

Products included in this manual are manufactured under the BS EN ISO 9001 Quality Assurance Scheme. A strict control system is maintained throughout the company from purchasing of raw materials to the inspection and testing of products. Spontaneous checks made throughout the year by the BSI inspectorate, ensure that the set standards are not allowed to fall.



BS EN ISO 9001 legislates for Quality Assurance and may be chosen as an alternative 'third party guarantee'. It also provides a means of underwriting the quality of products which lie outside the scope of product standards.

BS EN ISO 14001

Registered No: EMS533715

Steelway Brickhouse' manufacturing sites, including the Steel Fabrications facilities at West Bromwich, have been awarded the 'Manufacturing to Environmental Standards' accreditation BS EN ISO 14001 which was developed to help manufacturers maintain and improve their management of environmental responsibilities and assist them in ensuring compliance with environmental laws and regulations.



Steelway Brickhouse operates integrated Pollution and Preventative Control (PPC) regulations, and have implemented comprehensive environmental management systems throughout its manufacturing sites.

Security

Loss Prevention Certification Board (LPCB)

Security is constantly being brought to the forefront of our minds – security in the home, on the streets, the threat of terror. With the potential for devastating results, the importance of protecting below ground services cannot and must not be underestimated.



Steelway Brickhouse manufacture and supply a range of products that are approved and fully compliant with the LPS 1175 requirements (indicating products are able to withstand a sustained attack using a wide selection of hand and power tools). We can also manufacture other high security products, such as flush fitting access covers, doors and enclosures.

Locking options on standard products are detailed throughout the catalogue. For further information please contact Technical Enquiries on:

Tel: 0121 521 4524
0121 521 4525

PRODUCT ADVICE

HANDLING REGULATIONS

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

CDM/LOLER/manual handling

Our continual process of product development dictates that the Steelway Brickhouse range is constantly evolving to meet the requirements of an ever more demanding market place.

We consider ourselves as the provider of the total market solution, not just adhering to the basic standard, but surpassing it with product features that aid in the handling operation associated with access cover removal and below ground equipment retrieval.

Manual Handling Operations Regulations

The code of practice confirms that the risks involved with handling access covers increases when the operative has to twist, stoop, push or pull the load. It also suggests maximum load limits for various body positions during the lift. Specific products within the Steelway Brickhouse portfolio adhere to the principles outlined within these regulations.

Lifting Operations and Lifting Equipment Regulations (LOLER)

This regulation is unique to maintaining operator safety at the various stages of equipment retrieval from an open chamber. At Steelway Brickhouse, we recognise that there is a need to go beyond just satisfying the requirements for efficient cover removal, but also provide a solution that enables the operator to actually retrieve equipment safely as well.

Construction (Design and Management) Regulations

The Steelway Brickhouse design team are an integral part of eliminating or reducing the hazards faced by the operatives carrying out maintenance or cleaning work in the field. We design and manufacture our new products with a duty of care in mind to protect the operative where possible during access cover removal and below ground equipment retrieval.

Hot dip galvanizing

Standards

All Steelway Brickhouse steel access covers and associated framework comply with BS EN ISO 1461 (which replaced BS 729 as the basic standard covering hot dip galvanizing of iron and steel articles).

The galvanizing process

Advances in the process since its introduction over 150 years ago, have promoted the use of steel in demanding structural and engineering applications which includes steel access covers and associated framework.

The hot dip galvanizing process provides steel with maximum protection through a metallurgically bonded, tough coat of zinc. Corrosion rates for zinc are very low and are linear for any given environment.

Galvanizing works by 'sacrificial action' – the tough zinc coating corroding and sacrificing itself in preference to the steel. In the event of accidental damage to the coating, surrounding elements of zinc are deposited on the steel, resealing it from the atmosphere and stopping corrosion. In comparison, with paint coatings additional protection would have to be applied immediately after the damage occurred.



Hot dip galvanised coating

Galvanic coating is formed. Zinc around damage corrodes and corrosion products precipitate onto steel surface and protect it. Steel is also protected because it is cathodic in reaction to zinc coating.



Paint coating

Steel rusts where the paint film is damaged. Rust creeps under the paint film which is lifted up from the steel surface. Corrosion continues until the damage has been repainted.

Product life cycle

The thicker the zinc coating, the longer the life of the steel product. A linear rule dictates that the thicker the section of steel, the thicker and better the zinc coating should be.

Thickness of steel section Local coating (min) Mean coating (min)

Product selection

When considering product longevity, please consider the following points before deciding on a product's suitability. The thicker the material section, the thicker the galvanizing and consequently the longer the product life cycle.

For further information on the galvanizing process, please contact our customer sales/technical advisory team. **Guidelines should always be followed.**

	g/m ²	μm	g/m ²	μm
≥ 6mm	505	70	610	85
≥ 3mm, but < 6mm	395	55	505	70
≥ 1.5mm, but < 3mm	325	45	395	55
< 1.5mm	250	35	325	45

PRODUCT ADVICE

INSTALLATION

The structural opening and bedding of any access cover must be sufficiently strong.

A frame that is not properly supported may distort under load and this in turn may cause seal failure which results in the cover becoming unstable.

Pre-delivery checks

Before despatch, all units are inspected for alignment and dimensional accuracy and all handles and stays are checked. It is important that no component is modified without consultation with Steelway Brickhouse.

Locking screws

All locking screws should be cleaned and lightly greased.

We accept no responsibility for the fluid or gas tightness of any cover not specifically designed to be so.

Filling of recessed covers

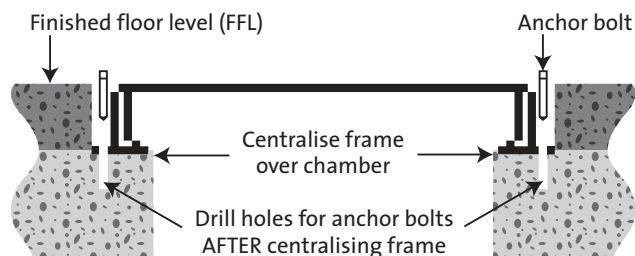
It is important to always fill covers in their frames (ensuring that the frames do not distort). Please note recessed covers rely on the appropriate grade of concrete infill to achieve the designated level of performance. Avoid spillage of concrete into key slots, bolt housings and the edge gap between cover and frame.

Sealing

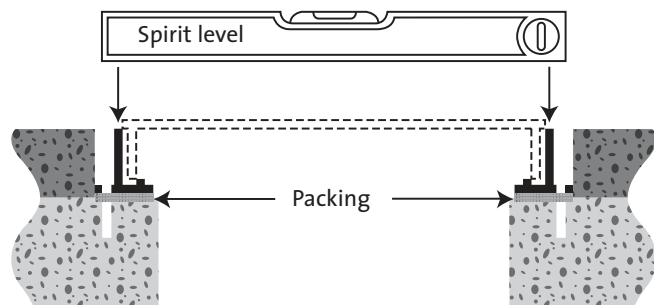
Once the infill has hardened, the covers should be removed and the seating and seals cleaned. If the seals require filling with grease etc., it should be done at this stage, before traffic is permitted.

Single-leaf covers

1. Place cover within its frame and hand-tighten any locking screws.
2. Position assembled cover and frame centrally over chamber and mark for drilling of anchor bolts (where applicable).



3. Set frame to required level with packing, adjusting with securing bolts untightened.



4. Check level, adjusting packing as necessary.
5. If grout or bedding compound is specified, apply under entire frame.
6. When grout or bedding compound is fully hardened, ensure that covers lift out of frame.
7. Ensure that locking bolt holes, key slots and seals are fully protected when screeding or concreting (particularly with recessed covers).

PRODUCT ADVICE

INSTALLATION

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Twin/triple-leaf covers

In instances where a removable sealing support bar is supplied in single or double seal units please ensure that the component is kept in place at all times to effect the seal (with sealing compound or grease where appropriate).

Multiple-leaf covers

Multiple leaf assemblies can be supplied with removable beams and end-support brackets. If seals are specified, a removable sealing support bar (which should be bedded in an appropriate grease or compound to ensure effective sealing), would be supplied.

Continuous ducting

1. All individual components are permanently marked with identification numbers.
2. The complete system should be laid out, where applicable, as shown in the construction drawing, with component numbers corresponding to the drawing layout. Hand-tighten all locking screws (if specified) with any sealing bars in position.
3. Position frame centrally over duct, removing and replacing covers one at a time only when necessary, using spacer clips where applicable.
4. BEFORE fixing any section of frames permanently, check alignment of complete system when laid out.
5. Position frame and mark drilling holes for anchor bolts, where applicable.
6. Set frame to required level with packing, adjusting with securing bolts untightened (where applicable).
7. Check level, adjusting packing as necessary.
8. If grout or bedding compound is specified, apply under entire frame. Position spacer clips provided (where applicable), to maintain cover and frame clearance at 2mm.
9. Tighten anchor bolts, checking height and level, ensuring not to overtighten bolts as this could result in distortion of frame.
10. All frame joints should be set to the same horizontal and vertical alignment and when covers are in place, all surfaces should be flush.
11. When grout or bedding compound is fully hardened, ensure that covers lift out of frame, before screeding or concreting. Unfilled, recessed covers should always be filled in position within the frame.
12. Ensure that locking bolt holes, key slots and seals are fully protected when screeding or concreting, particularly with recessed covers.
13. To ensure perfect alignment, it is advisable, whenever practicable, to leave spacer clips in position during screeding around frames.

These guidelines are for standard products only. Please refer to technical services for installation instructions for Defender, Sentry and Prolift.

Steelway Brickhouse can also provide a product installation service within the U.K.

Please contact our customer service department on:

Tel : 0121 521 4524
0121 521 4525
0121 521 4531
0121 521 4500

Internal Recessed Products

Product Range

BROADSTEL
SHALLOWFIL

BROADSTEL

SEALED INTERNAL RECESSED

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Steelway Broadstel range of access covers and frames are designed for use on a variety of internal applications that require a range of infill materials to meet the aesthetic surroundings of architecturally designed floor schemes. The Broadstel range is designed to be infilled with a grade C25 concrete to obtain the desired loadings which is left 15mm below the cover edge to accept the finished floor material. The Broadstel range will accept most floor finishes except vinyl. All Broadstel ranges are suitable for slow moving vehicular traffic and are EPDM sealed to prevent the escape of foul smells under normal atmospheric conditions.

Standard Features

- 1.6mm mild steel for unobtrusive appearance within floor schemes
- EPDM sealed with an additional channel for grease to create a double seal
- Triangular corner lifting bosses to aid in cutting the floor finish
- 4no corner locking screws
- Tapered cover sides to prevent jamming in the frame
- Keying in rods for concrete infill
- Suitable for floor finishes up to 15mm thick
- Slide out design to aid removal
- Profiled frame for ease of installation and stability
- Load tested to FACTA classifications B when filled with C25 concrete
- Galvanized to BSEN ISO1461

Additional Features

- /BE Decorative brass edge trim
- /SE Decorative stainless steel edge trim
- /PI Lift out peep in cover
- /SS Manufacture in 316 stainless steel
- /2RS Two rubber seals
- /TL Threaded Lifting

Size Range

Available in any size from 300 x 300mm clear opening to suit any chamber opening dimensions

Lifting Keys

Fig 9758A/L Single Lifting key

Fig RMXSS/Key Locking key

Fig R8473258 Threaded Lifting eye bolt

Please note that due to the nature of the product, mechanical lifting maybe required.

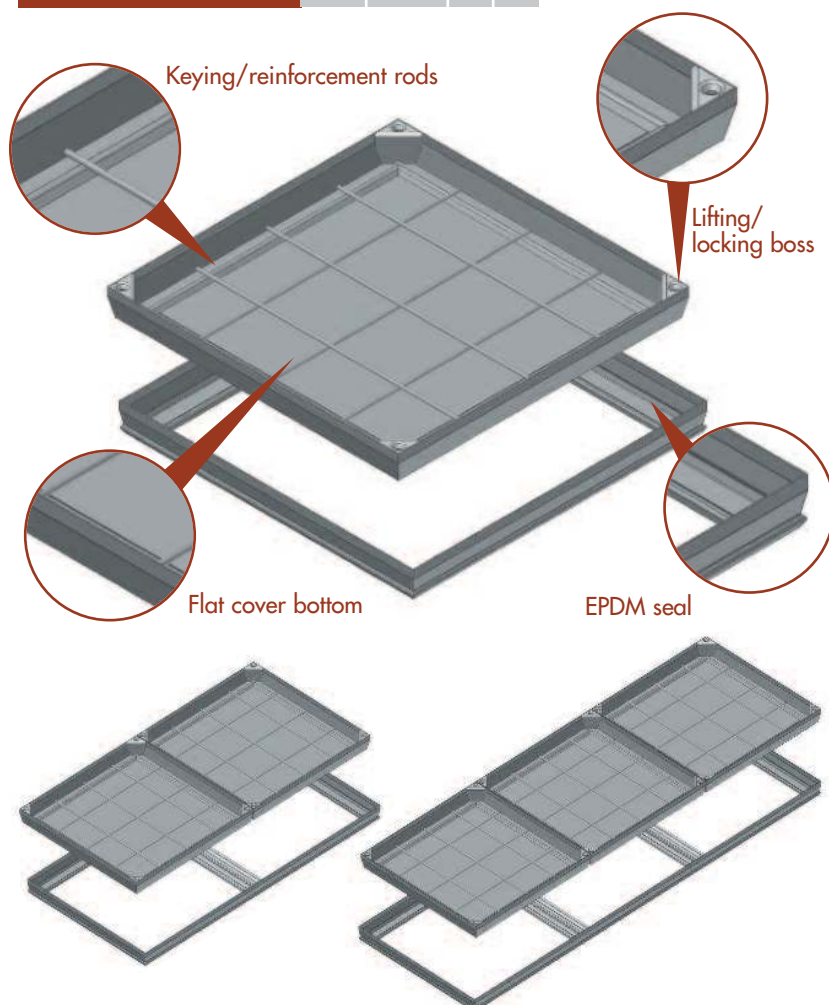
AVAILABLE LOADINGS

A

AAA

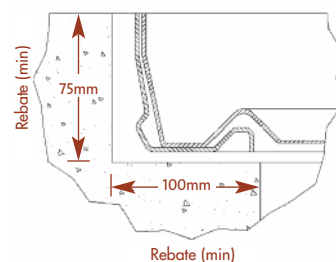
B

C



PRODUCT REFERENCES

Fig 7369	Single Units	Up to FACTA B
Fig 7379	Single Units	FACTA C
Fig 2369	Twin Units	FACTA AAA
Fig 2379	Twin Units	FACTA B
Fig 3369	Triple Units	FACTA AAA
Fig 3379	Triple Units	FACTA B



Example Specification

Fig 7369/600600/BE = Single cover FACTA B / 600 x 600mm clear opening / decorative brass edge trim

BROADSTEL

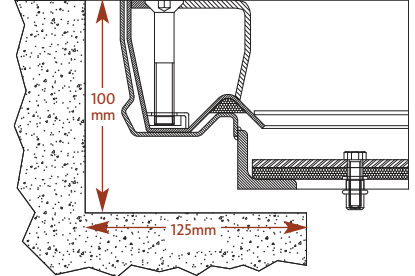
SEALED INTERNAL RECESSED

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

BROADSTEL TRIPLE SEAL COVER

Broadstel recessed, solid bottom, access cover and frame incorporating integral steel sealing plate with locking screws. Galvanized to BS EN ISO 1461

For further details see the Broadstel standard features



BROADSTEL DUCT COVER

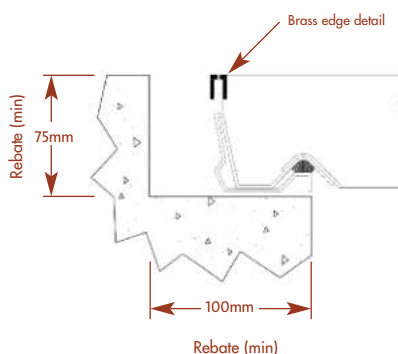
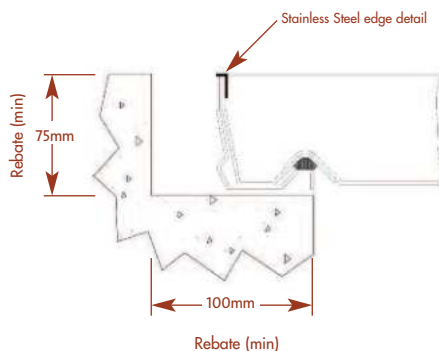
Broadstel continuous, recessed, duct covers and frames. Galvanized to BS EN ISO 1461

For further details see the Broadstel standard features

BROADSTEL MULTIPLE COVER

Broadstel recessed, solid bottom, multiple access covers and frames. Galvanized to BS EN ISO 1461

For further details see the Broadstel standard features



PRODUCT REFERENCES

Fig 7370	Triple Seal Units	FACTA B
Fig 7360	Duct Runs	FACTA AA
Fig 7361	Duct Runs	FACTA B
Fig 7360M	Multiple Units	FACTA AA
Fig 7361M	Multiple Units	FACTA B

SHALLOWFIL

RECESSED DUCT COVERS

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Steelway Shallowfil range of duct access covers and frames are designed for use on a variety of internal ducting applications that require a shallow infill material such as carpet or tile, to blend into the floor finish. The Shallowfil range has a solid base and is supplied in a variety of recess depths or even flush, to suit your finish. When flush, the design of the Shallowfil appears almost invisible, especially within areas covered in carpet tiles.

Standard Features

- Unobtrusive appearance within floor schemes
- Plain seated
- Solid base plate for rigidity and ease of infill material
- Threaded lifting points
- Suitable for floor finishes up to 15mm thick
- Frame supplied with building in lugs to prevent movement
- Load tested to FACTA classifications A & B
- Galvanized to BSEN ISO1461

Additional Features

/Infill depth (insert your depth of infill - 0 up to 15mm in 1mm increments)
 /VP Visible access panel
 /CSL Countersunk locking screws
 /SS Complete manufacture in 316 stainless steel

Size Range

Available to suit any sized duct clear opening from 150mm up to 1000mm clear opening or dimensioned to the specific size of tile that is being used

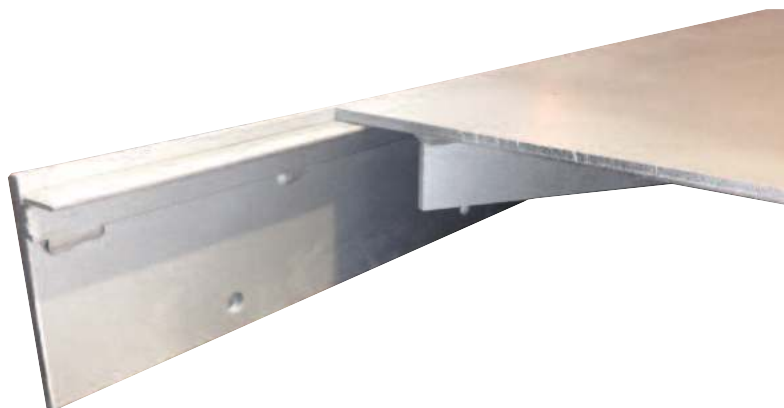
Lifting Keys

Fig 9758A/L Single Lifting key

AVAILABLE LOADINGS

A

B



External Recessed Products

Product Range

BRIPAVE - H

BRIPAVE - L

PRECINCT

BRIDRAIN/BRISLOT/TREE - GRILLE

BRI-PIT TREE

BRIPAVE H

EXTERNAL RECESSED

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Steelway Bripave range of access covers and frames are designed for use on a variety of applications that require a range of infill materials to meet the aesthetic surroundings of architecturally designed landscapes. Primarily for use with varying depths of block paviors and slabs they can however also be filled with concrete, asphalt and even soil and grass. The complete range of Bripave products are tested unfilled to ensure stability and longevity under load. All Bripave ranges are suitable for slow moving vehicular traffic and are manufactured as either sealed (H) or plain seated (L).

Standard Features (H Range)

- Sealing channel within frame for filling with or suitable sealing compound
- Solid corner lifting bosses
- Tapered cover sides to prevent jamming in the frame
- Suitable for block or infill depths from 50mm to 100mm (plus bedding)
- 6mm thick mild steel to prevent distortion under load
- Fully flanged frame for ease of installation and stability
- Load tested to FACTA classifications AA - B - D unfilled
- Galvanized to BSEN ISO1461

Standard Features (L Range)

- Solid corner lifting bosses
- Suitable for block or infill depths from 50mm to 100mm (plus bedding)
- Load tested to FACTA classifications B - C - D unfilled
- Galvanized to BSEN ISO1461

Additional Features

- /DS Double seal frame (H range only)
- /Infill depth (insert your depth of infill - 50, 65, 80 100 etc.)
- /L2 2no Locking bolts
- /L4 4no Locking bolts
- /BE Decorative brass edge (H range only)
- /SE Decorative stainless steel edge (H range only)
- /RS Rubber seal inserted into standard sealing channel (H range only)
- /RE Internal cover reinforcing rods for concrete or other non block finish
- /Pi Lift out peep in cover flap (H range only)
- /140G 140 micron galvanizing (H range only)
- /DL Discreet lifting points

Size Range

Available in a multitude of sizes from 250 x 250mm clear opening to suit any chamber opening dimensions

Lifting Keys

Fig 9758B Single Lifting key

Fig R8473258 Threaded lifting eye bolt

Please note that due to the nature of the product mechanical lifting may be required

AVAILABLE LOADINGS

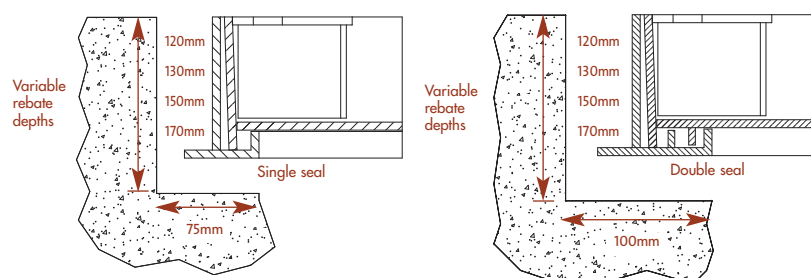
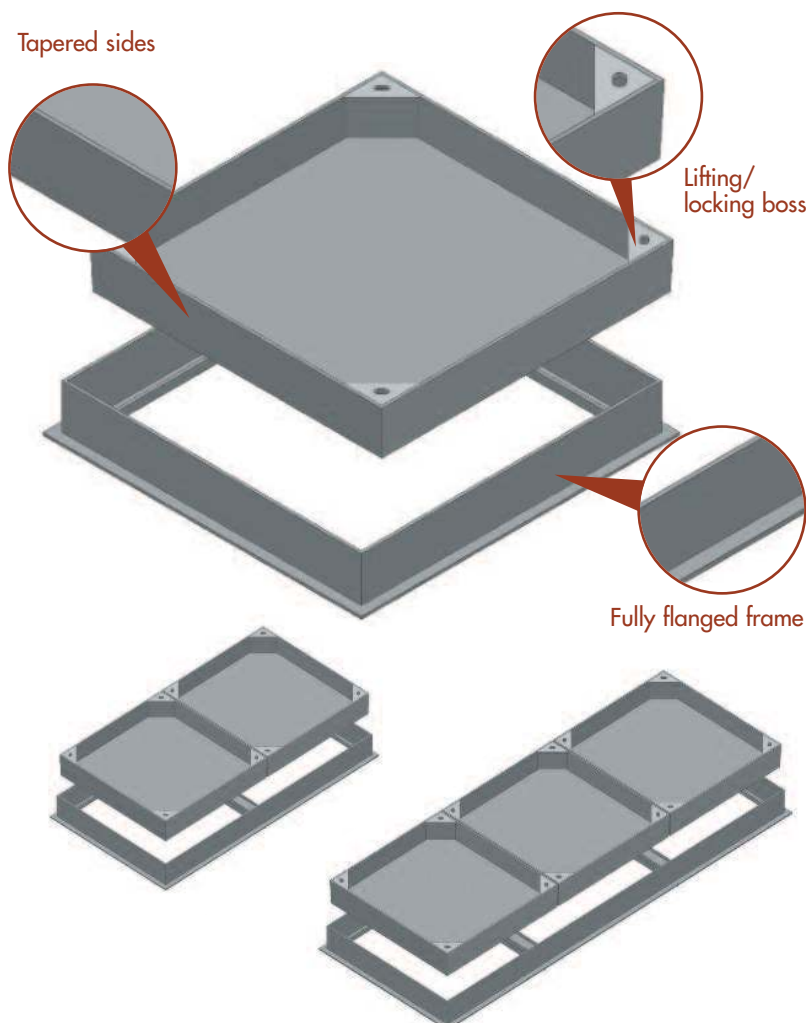
AA

B

C

D

Tapered sides



Example Specification

Fig 6333/600600/80/L4 = Single cover FACTA D / 600 x 600mm clear opening / 80mm block depth / 4no Locking bolts

BRIPAVE

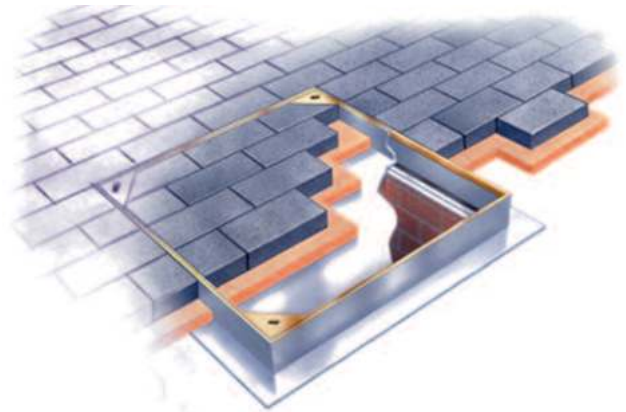
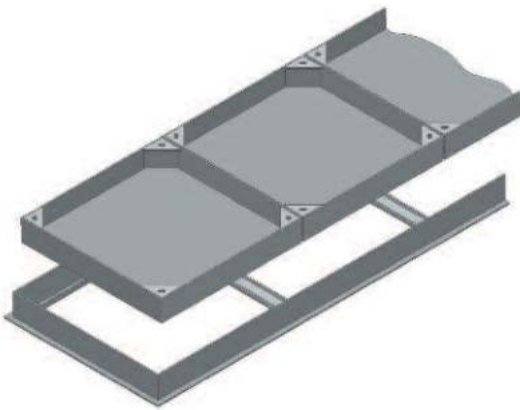
EXTERNAL RECESSED

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

BRIPAVE DECORATIVE EDGE

Bripave recessed access covers and frames with a decorative edge trim.

For further details see the Bripave standard features



BRIPAVE DUCT COVER

Bripave continuous recessed, duct covers and frames. Galvanized to BS EN ISO 1461

For further details see the Bripave standard features

BRIPAVE MULTIPLE COVER

Bripave recessed, solid bottom, multiple access covers and frames. Galvanized to BS EN ISO 1461

For further details see the Bripave standard features



BRIPAVE - L PLAIN SEATED RANGE

Bripave recessed access covers and frames, plain seated.

For further details see the Bripave standard features

H RANGE - PRODUCT REFERENCES

Fig 6331	Single Units	FACTA AA
Fig 6332	Single Units	FACTA B
Fig 6333	Single Units	FACTA D
Fig 26331	Twin Units	FACTA AA
Fig 26332	Twin Units	FACTA B
Fig 26333	Twin Units	FACTA D
Fig 36331	Triple Units	FACTA AA
Fig 36332	Triple Units	FACTA B
Fig 36333	Triple Units	FACTA D

H RANGE - PRODUCT REFERENCES

Fig 6337	Duct Runs	FACTA AA
Fig 6338	Duct Runs	FACTA B
Fig 6339	Duct Runs	FACTA D
Fig 6337M	Multiple Units	FACTA AA
Fig 6338M	Multiple Units	FACTA B
Fig 6339M	Multiple Units	FACTA D

L RANGE - PRODUCT REFERENCES

Fig BPB	Single Units	FACTA B
Fig BPC	Single Units	FACTA C
Fig BPD	Single Units	FACTA D

PRECINCT

UNSEALED EXTERNAL RECESSED

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Steelway Precinct range of high quality access covers are available to suit a multitude of applications and infill materials. These ranges are fabricated to the highest of standards to ensure continued performance under load. The Precinct range of products are ideally suited for use over telecommunications chambers that require frequent easy access to below ground services.

Standard Features

- Kitemarked to EN124 B125 on sizes up to and including 710mm clear opening
- Full range of FACTA loadings available on non kitemarked units
- Slide out design on all kitemarked products
- All ranges are load tested unfilled
- Plain seated - unsealed
- Solid lifting bosses
- Tapered cover sides to prevent jamming in the frame
- 6mm thick mild steel to prevent distortion under load
- Fully flanged frame for ease of installation and stability
- Suitable for infill materials up to 65mm on kitemarked units
- Suitable for infill materials up to 100mm on non kitemarked units
- Galvanised to BSEN ISO1461

Additional Features

/A FACTA A loading
 /B FACTA B loading
 /C FACTA C loading
 /D FACTA D loading
 /65 65mm block depth
 /80 80mm block depth
 /100 100mm block depth
 /BADGES Any badging requirement up to 6 characters
 /L2 2 no Locking bolts per cover section
 /RE Internal cover reinforcing rods for concrete or other non block finishes
 /140G 140 micron galvanizing
 /SS Full fabrication in stainless steel

Size Range

Kitemarked up to 710mm clear opening span and non kitemarked to suit any chamber dimensions.

Lifting Keys

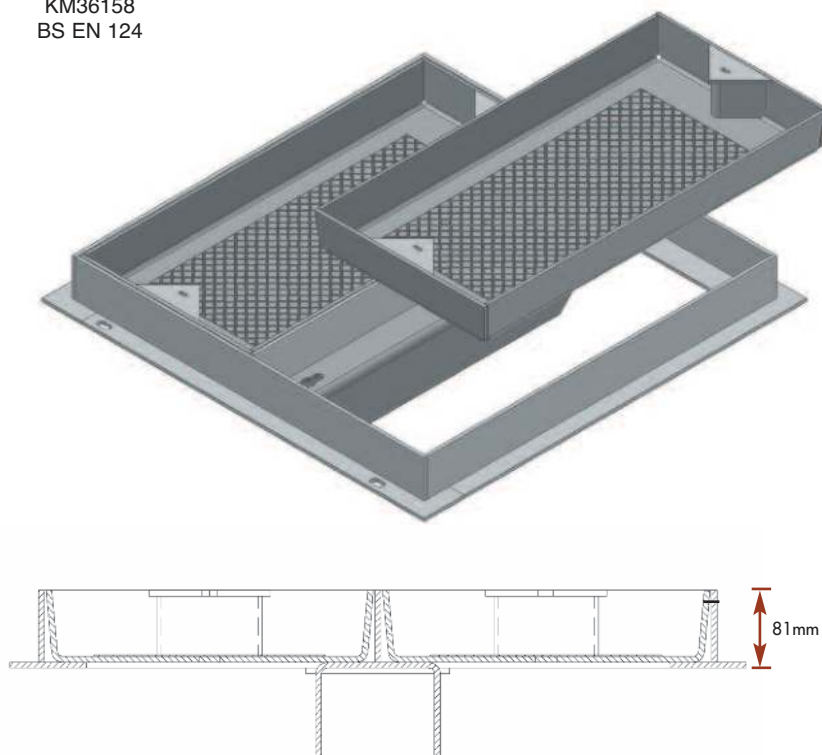
Fig BSF/KEY Over centre lifting key
 Please note that due to the nature of the product mechanical lifting may be required on non kitemarked units



KM36158
BS EN 124

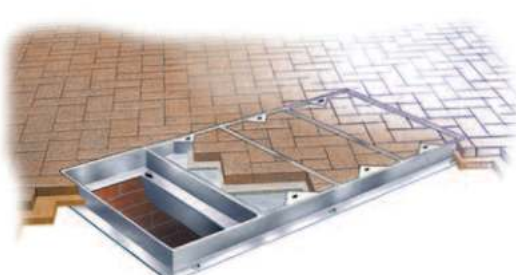
AVAILABLE LOADINGS EN124 B125 KITEMARKED UP TO 710mm

FACTA A B C D NOT KITEMARKED



PRODUCT REFERENCES

Fig 630L	Chamber 2	725 x 255mm clear opening	EN124 B125
Fig 631L	Chamber 4	915 x 445mm clear opening	EN124 B125
Fig 632L	Chamber 5	610 x 610mm clear opening	EN124 B125
Fig 633L	Chamber 6	1310 x 610mm clear opening	EN124 B125
Fig 634L	Chamber 10	2285 x 710mm clear opening	EN124 B125
Fig 635L	Chamber 11	1690 x 710mm clear opening	EN124 B125
Fig 636L	Chamber JC1	960 x 610mm clear opening	EN124 B125
Fig BSF		All other opening sizes (please specify)	EN124 B125
Fig BSF/KEY		Over centre lifting key	



Example Specification

Fig 633L = Kitemarked B125 loading / 1310 x 610mm clear opening /65 block

Fig BSF1200500/D/80/L2/ELEC = 1200 x 500mm clear opening / FACTA D loading / 80mm block / Locking / Badged ELEC

BRIDRAIN / BRISLOT / TREE-GRILLE

EXTERNAL RECESSED

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

AVAILABLE LOADINGS

B

BRIDRAIN POINT DRAINAGE COVER

Galvanized, 4mm section thickness, flat/dished profile point drainage unit.

- Suitable for areas of low traffic frequency
- Waterway area 80% of total surface area
- Wide flange for increased security and stability
- Captive hinge

Note: This product is only suitable for areas where speed is restricted to 20mph

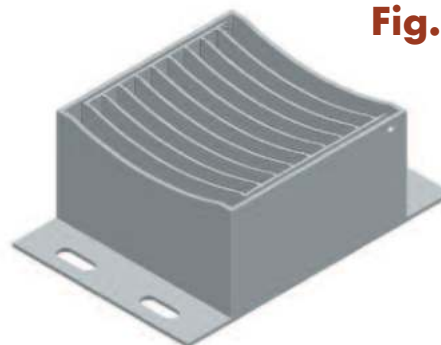
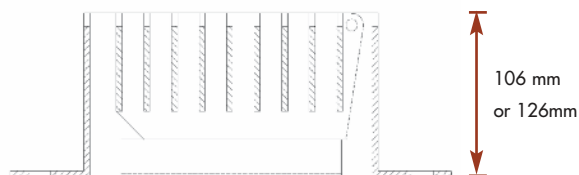


Fig. 6229



BRISLOT LINEAR DRAINAGE COVER

Galvanized, 4mm section thickness, mild steel modular/linear landscape drainage channel.

- Suitable for areas subject to low traffic frequency
- Tapered 15mm waterway slots help prevent blockages
- 1, 2 and 3 slot options available
- Single unit 4 point frame anchor facility (linear unit at 450mm intervals)
- Tapered cover and frame sides to help facilitate:
 - a tighter tolerance between cover and frame
 - easier cover removal
 - architecturally better aesthetics
- Units can be installed both longitudinally and transversely
- Linear units can have both transverse and longitudinal runs available on request

Note: This product is only suitable for areas where speed is restricted to 20mph

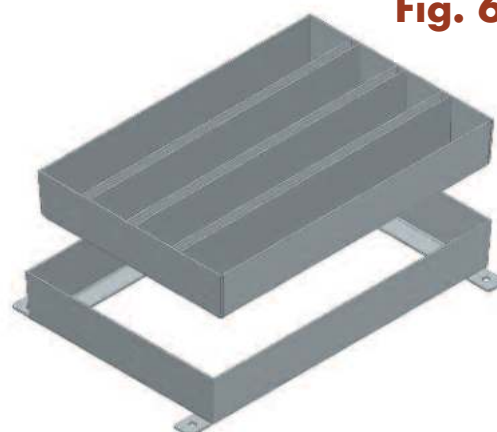


Fig. 6227



BRIPAVE TREE-GRILLE COVER

Galvanized 4mm section thickness, mild steel tree surround watering facility.

- Suitable for areas of low traffic frequency
- Maintains the landscape aesthetics and helps prevent tree damage
- Tapered 15mm waterway slot helps prevent debris blockages
- Four point frame anchor facility
- Tapered cover and frame sides to help facilitate:
 - a tighter tolerance between cover and frame
 - easier cover removal
 - architecturally better aesthetics

Note: This product is only suitable for areas where speed is restricted to 20mph

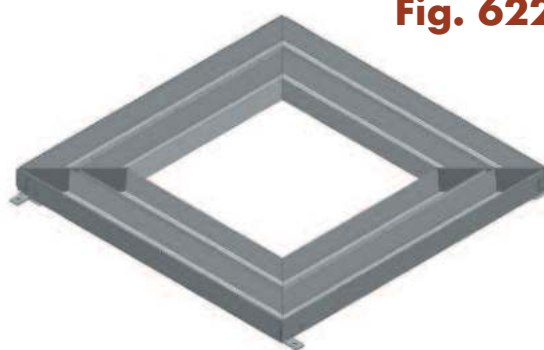


Fig. 6228



BRI-PIT TREE

EXTERNAL RECESSED

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Steelway Bri-Pit Tree range of access solutions are designed for use over tree root chambers. They are designed to accept a range of infill materials to meet the aesthetic surroundings of architecturally designed landscapes. Primarily for use with varying depths of block paviors and slabs they can however also be filled with concrete, asphalt and even soil and grass. The complete range of Bri-Pit Tree products are tested unfilled to ensure stability and longevity under load. All Bri-Pit Tree ranges are suitable for slow moving vehicular traffic. The units are designed to allow the successful watering of the tree root system whilst also allowing sufficient ventilation to prevent changes to the soils PH levels. The units are designed to suit any sized chamber and bespoke designs around the trunk base can be provided utilising laser cut panels to suit the required look of your scheme.

Standard Features

- 6mm thick mild steel to prevent distortion under load
- Solid corner lifting bosses
- Tapered cover sides to prevent jamming in the frame
- Suitable for block or infill depths from 50mm to 100mm (plus bedding)
- Fully flanged frame for ease of installation and stability
- Load tested to FACTA classifications AA - B - D unfilled
- Galvanized to BSEN ISO1461

Additional Features

- /L2 2no Locking bolts per cover
- /L4 4no Locking bolts per cover
- /SE Decorative stainless steel edge
- /WP Lift out water point for hose
- /140G 140 micron galvanizing

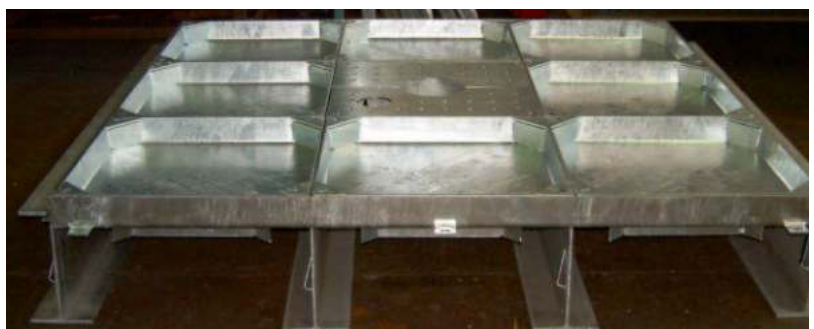
Size Range

Available to suit any chamber opening dimensions

Lifting Keys

Fig 9758B Single Lifting key

Please note that due to the nature of the product mechanical lifting may be required



Solid Top Products

Product Range

BRISTEEL

BRISTEEL

SOLID TOP LIFT OUT

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Steelway Bristeel range of access covers and frames are designed for use on a variety of applications that require lift out covers and are subject to slow moving vehicular traffic. All of the products within the Bristeel range incorporate closed keyways to ensure the sealing requirements are met.

- Raised tread durbar pattern
- Closed keyways
- Sealing channel within frame for filling with a suitable sealing compound
- External frame nib or flat for easy installation into a minimal rebate
- Minimum 4mm thick cover plate to prevent distortion under load
- Load tested to FACTA classifications A - AA - B
- Galvanized to BSEN ISO1461

Additional Features

- /L2 2no Locking screws per cover
- /L4 4no Locking screws per cover
- /K2 2no Lokanlift turnbuckle locks per cover
- /K4 4no Lokanlift turnbuckle locks per cover
- /RS Rubber seal inserted into standard sealing channel
- /PI Lift out peep in cover flap
- /RAL Powder coating over galvanizing
- /SRC Slip reducing coating
- /TL Threaded lift points

Size Range

Available in any size from 300 x 300mm clear opening to suit any chamber opening dimensions

Lifting Keys

- Fig RMA63 Single lifting key
- Fig 9764 Single Lokanlift key

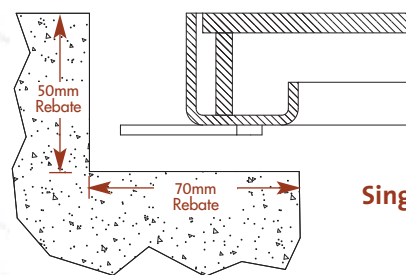
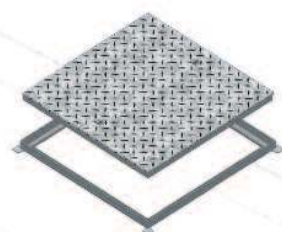
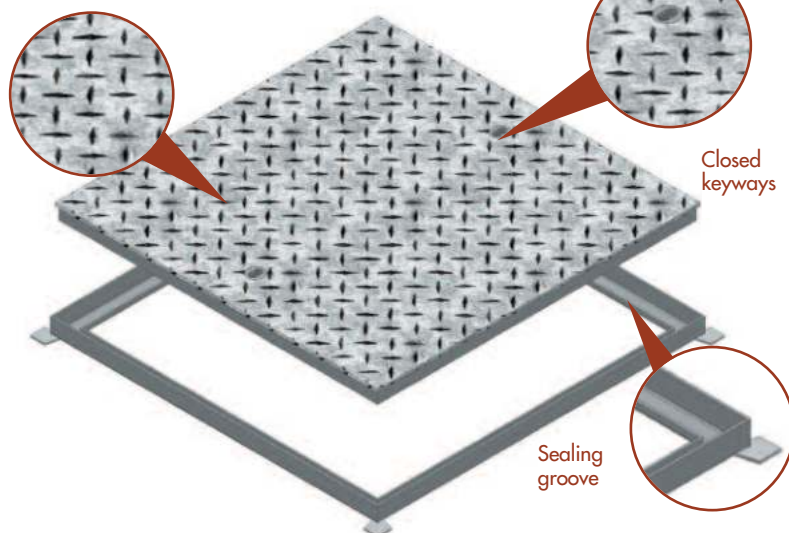
AVAILABLE LOADINGS

A

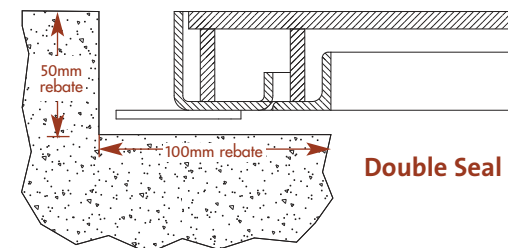
AA

B

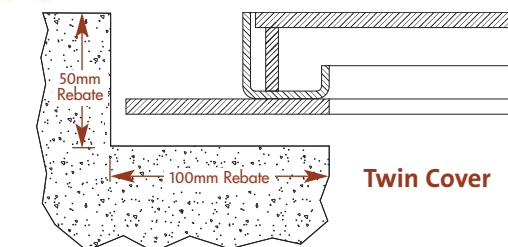
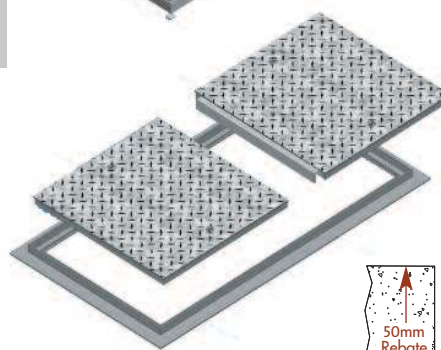
Raised tread pattern



Single Seal



Double Seal



Twin Cover

PRODUCT REFERENCES

Fig 6221	Single Units - Single Seal	FACTA A
Fig 6222	Single Units - Single Seal	FACTA AA
Fig 6223	Single Units - Single Seal	FACTA B
Fig 6231	Single Units - Double Seal	FACTA A
Fig 6232	Single Units - Double Seal	FACTA AA
Fig 6233	Single Units - Double Seal	FACTA B
Fig 6311	Twin Units	FACTA AA
Fig 6312	Twin Units	FACTA B
Fig 6313	Twin Units	FACTA D

Example Specification

Fig 6312/L4/1200600 = FACTA B loading twin unit / Locking with 4 screws per cover / 1200 x 600mm clear opening

BRISTEEL

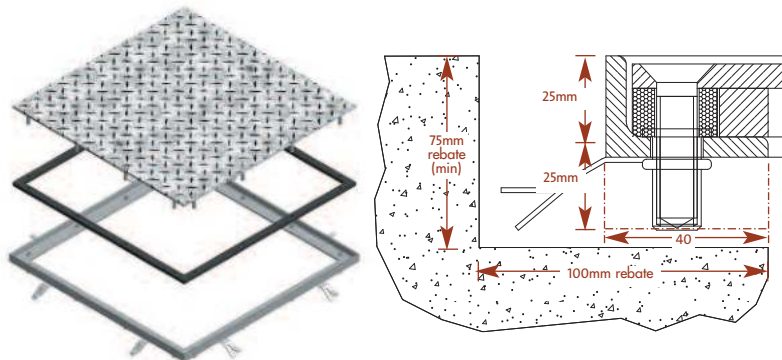
SOLID TOP LIFT OUT

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BRISTEEL OPTIMUM SEAL COVER

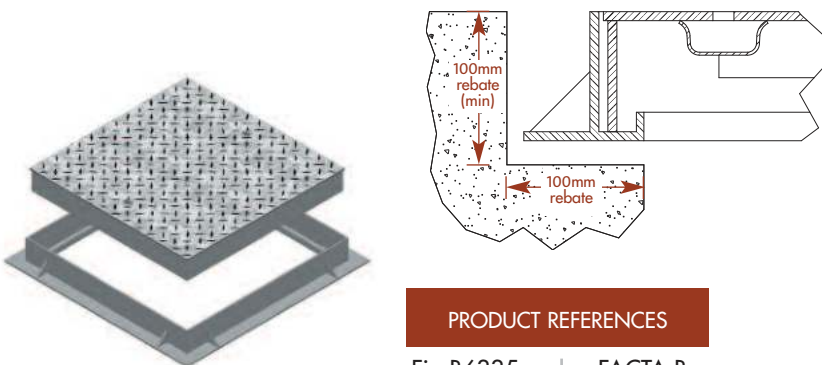
Bristeel optimum resistance cover and frame.
Galvanized to BS EN ISO 1461

- Raised tread pattern plate cover reinforced on underside to meet required loading
- Cover bedded on to continuous rubber seal strip located within the frame and secured by corrosion resistant screws
- Frame provided with external securing lugs
- Chambered keyholes
- Deters ingress of water at atmospheric pressure
- Non-standard sizes can be manufactured



PRODUCT REFERENCES

Fig 6301	Single Units	FACTA AAA
Fig 6303	Single Units	FACTA B



PRODUCT REFERENCES

Fig B6335	FACTA B
Fig C6335	FACTA C
Fig D6335	FACTA D

BRISTEEL DEEP FRAME COVER

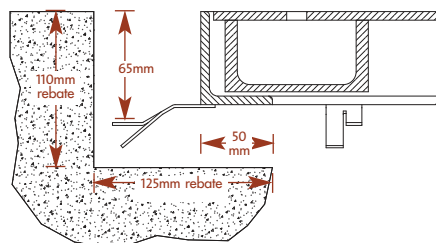
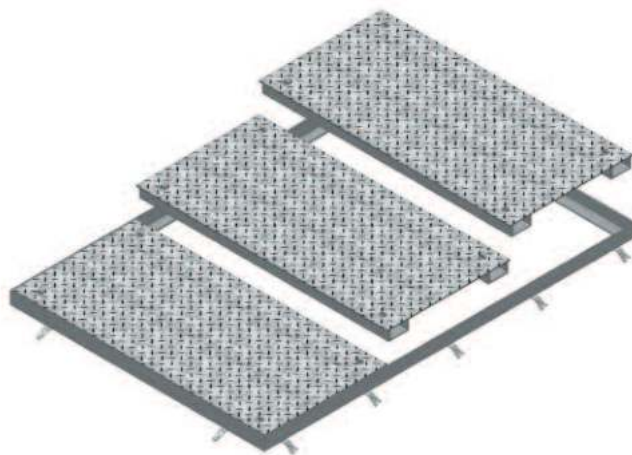
Bristeel single seal, deep frame access cover with heavy gauge frame. Galvanized to BS EN ISO 1461

- Raised tread pattern plate cover reinforced as required on underside to meet stated loading
- Substantial rolled frame section
- Sealing groove provided within outer and central framing for filling with grease or other suitable compound
- Chambered keyholes
- Can be fitted with corrosion resistant locking screws (Prefix L)
- Non-standard sizes can be manufactured
- Available as multiple units to suit any size

BRISTEEL MULTIPLE COVER

Bristeel multiple plain seated access cover and frame.
Galvanized to BS EN ISO 1461

- Raised tread pattern cover reinforced on underside to meet required loading
- Manufactured from 6mm thick steel for extra strength and stability under load
- Can be supplied in modules to suit duct runs and layouts as specified
- Can be fitted with corrosion resistant locking screws (Prefix L) or Lokanlift devices (Prefix K)
- Non-standard sizes can be manufactured
- FACTA D (11T) available on request
- Bespoke products available on request



PRODUCT REFERENCES

Fig B6365	FACTA B
Fig C6365	FACTA C
Fig D6365	FACTA D

BRISTEEL

SOLID TOP HINGED

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Steelway Bristeel Hinged range of access covers and frames are designed for use on a variety of applications that require basic hinged covers and are subject to slow moving vehicular traffic. All of the products within the Bristeel Hinged range incorporate closed keyways to ensure the sealing requirements are met and are available single, twin and multiple layouts.

Standard Features

- Raised tread durbar pattern
- Lokanlift turnbuckle locks
- Closed keyways
- Sealing channel within frame for filling with or suitable sealing compound
- External frame flats for easy installation into a minimal rebate
- Minimum 4mm thick cover plate to prevent distortion under load
- Load tested to FACTA classifications
AA - AAA - B
- Galvanized to BSEN ISO1461

Additional Features

- /G Single hinged safety grids
- /M1 Open mesh walk on safety grid
- /T1 Single pump pull through safety grid
- /T2 Twin pump pull through safety grid
- /RS Rubber seal inserted into standard sealing channel
- /PL Recessed locking box for padlock locking
- /PI Lift out peep in cover flap
- /RAL Powder coating over galvanizing
- /SRC Slip reducing coating

Size Range

Available in a multitude of sizes from 300 x 300mm clear opening to suit any chamber opening dimensions

Lifting Keys

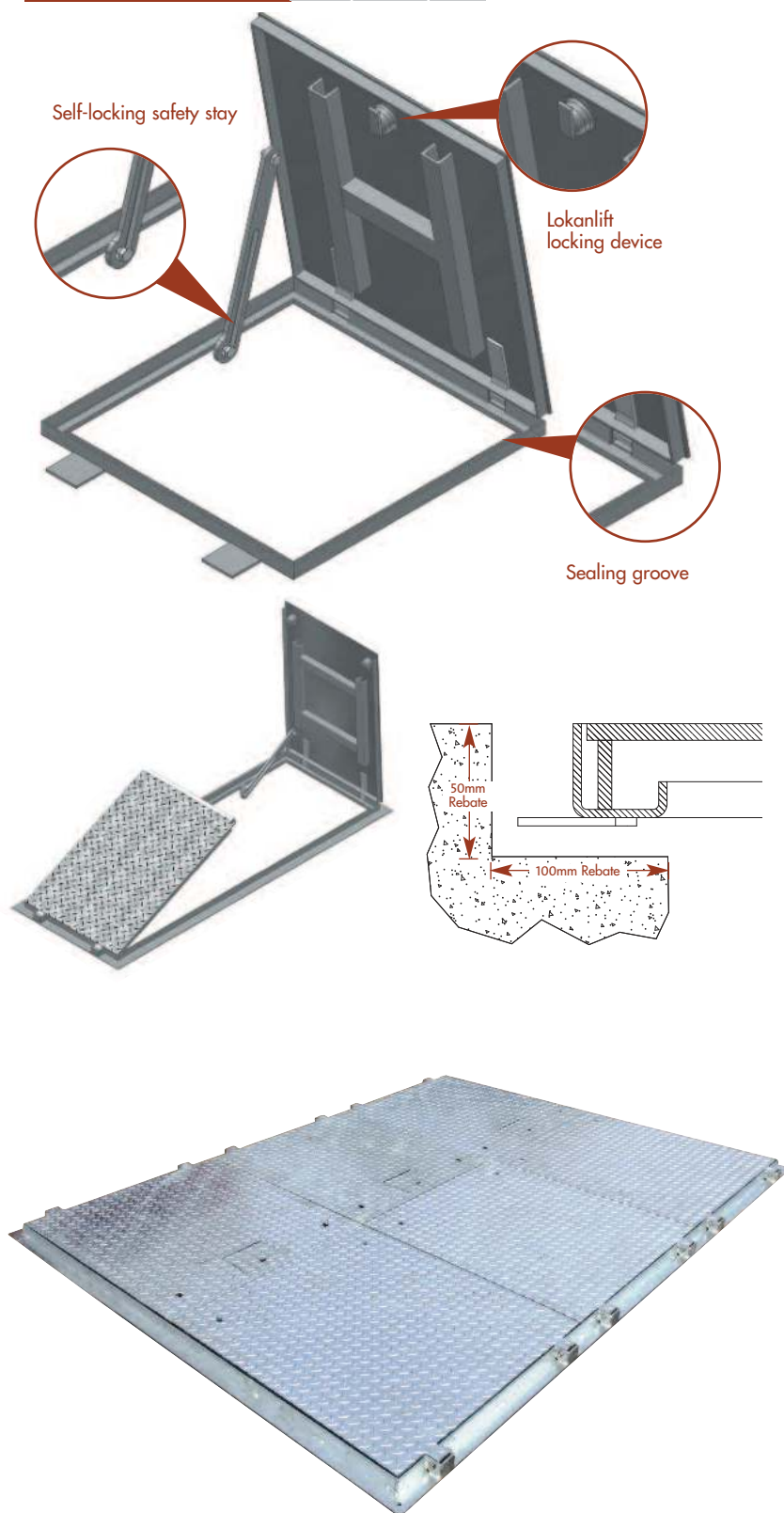
Fig 9764 Single Lokanlift key

AVAILABLE LOADINGS

A

AA

B



PRODUCT REFERENCES

Fig K6251	Single Units	FACTA A
Fig K6252	Single Units	FACTA AAA
Fig K6253	Single Units	FACTA B
Fig K6321	Twin Units	FACTA AA
Fig K6322	Twin Units	FACTA AAA
Fig K6323	Twin Units	FACTA B
Fig K6322m	Multiple Units	FACTA AAA
Fig K6323m	Multiple Units	FACTA B

Example Specification

Fig K6323M/24001200/G = FACTA B loading multiple unit / 2400 x 1200mm clear opening / Single hinged safety grids per cover section

Specialist Hinged Products

Product Range

DEFENDER
PROLIFT
UPSTAND - UP
ANCILLARY PRODUCTS

DEFENDER

SOLID TOP HINGED - SEALED & ASSISTED

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Steelway Defender range of access covers and frames are designed for use on a variety of applications that require frequent opening and are subject to slow moving vehicular traffic. All of the products within the Defender range incorporate heavy guage torsion springs for ease of opening by one person. The range incorporates a deep channel frame which is sealed by EPDM or Nitrile and can be drained into the chamber or by weep pipes externally. Its frame design offers excellent stability under load. The Defender range is suitable for all applications especially on new builds where rebates are to be cast or where road conditions are being built up around the framing.

- Single skin flush fitting
- Torsion spring assisted for single person operation
- 106mm Deep frame for stability
- Internal fixings for increased security
- EPDM or Nitrile sealed
- Load tested to FACTA classification loadings A-D or to the requirements of BS9124
- Stamp-Lock™ locking for utility padlocks
- Hidden tamperproof hinges
- Supplied as standard with cover safety stays to prevent accidental closure and single piece safety grid
- Galvanized to BSEN ISO1461

Additional Features

- /G Single piece safety grid
- /M1 Open mesh walk on safety grid
- /T1 Single pump pull through safety grid
- /T2 Twin pump pull through safety grid
- /CO Cut outs in safety grid
- /CF Cable entry flaps
- /OP Over pumping flap
- /AS Acoustic seal
- /PI Hinged peep in cover flap
- /140G 140 micron galvanizing
- /RAL Powder coating over galvanizing
- /SRC Slip reducing coating
- /FXK Fixing bolts
- /PB Demountable posts and barriers
- /SS Manufacture in stainless steel

Size Range

Available in any size from 450 x 450mm clear opening to suit any chamber opening dimensions

Cover configurations

- FA - Single
- FB - Twin In-Line
- FC - Twin End Hinged
- FD - Triple In-Line
- FE - Triple 3 Side Hinged
- FD - Single Span In-Line Duct
- FC - Twin End Hinged Duct

AVAILABLE LOADINGS

A

B

C

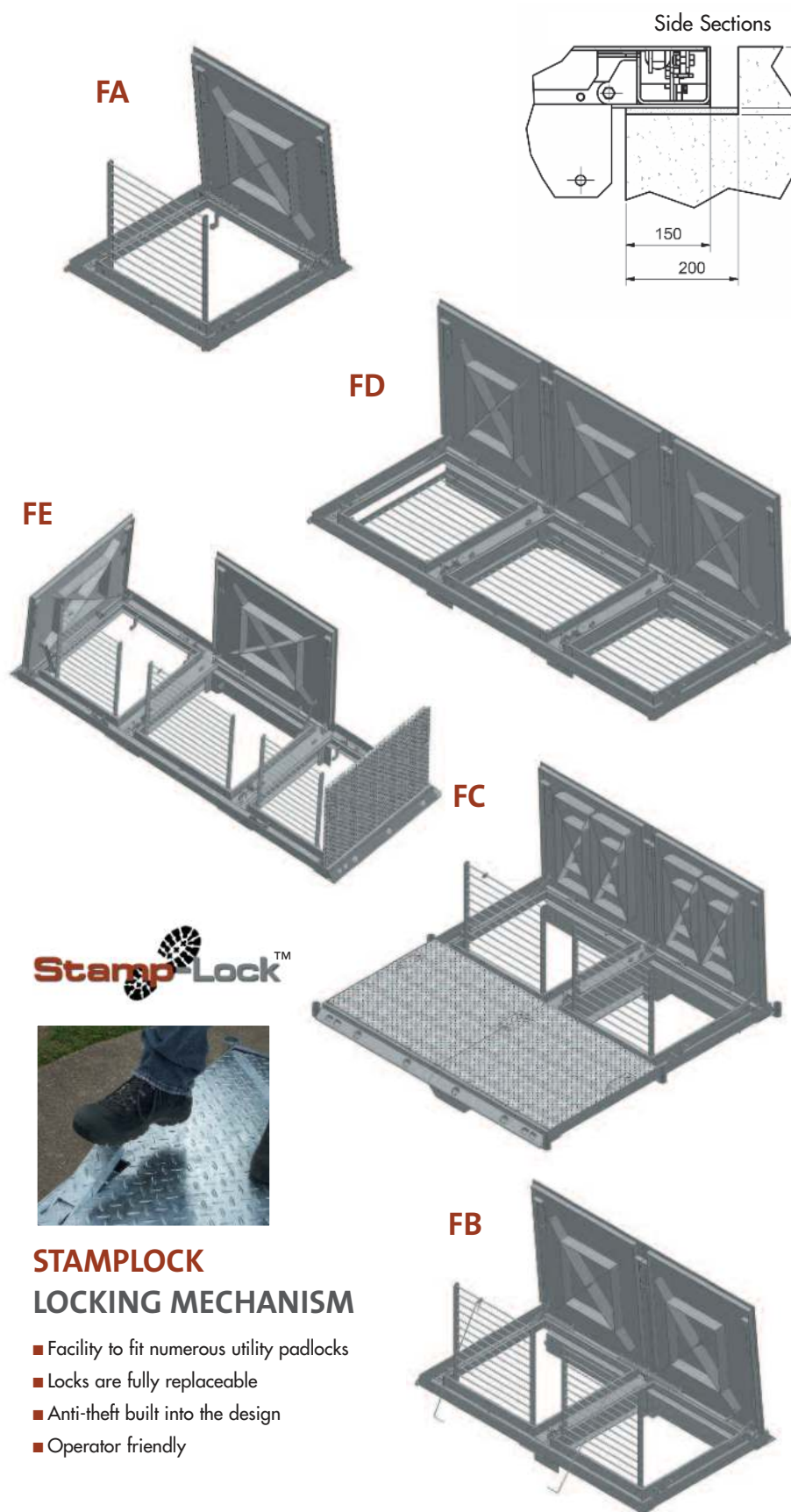
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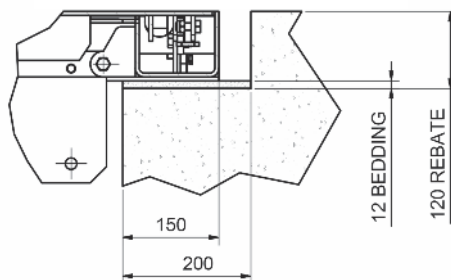
DEFENDER

SOLID TOP HINGED - SEALED & ASSISTED

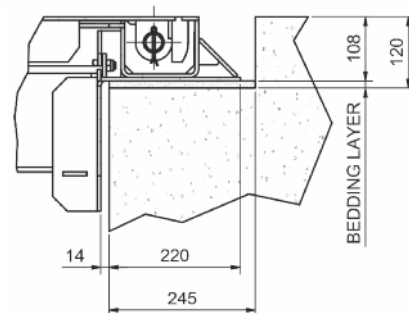
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Side Sections



Rear Sections



PRODUCT REFERENCES

Fig FAA	Single Units	FACTA A
Fig FAB	Single Units	FACTA B
Fig FAC	Single Units	FACTA C
Fig FAD	Single Units	FACTA D
Fig FBA	Twin In-Line	FACTA A
Fig FBB	Twin In-Line	FACTA B
Fig FBC	Twin In-Line	FACTA C
Fig FBD	Twin In-Line	FACTA D
Fig FCA	Twin End Hinged	FACTA A
Fig FCB	Twin End Hinged	FACTA B
Fig FCC	Twin End Hinged	FACTA C
Fig FCD	Twin End Hinged	FACTA D
Fig FDA	Triple In-Line	FACTA A
Fig FDB	Triple In-Line	FACTA B
Fig FDC	Triple In-Line	FACTA C
Fig FDD	Triple In-Line	FACTA D
Fig FEA	Triple 3 side hinged	FACTA A
Fig FEB	Triple 3 side hinged	FACTA B
Fig FEC	Triple 3 side hinged	FACTA C
Fig FED	Triple 3 side hinged	FACTA D
Fig FDA	Single Span In-line Duct	FACTA A
Fig FDB	Single Span In-line Duct	FACTA B
Fig FDC	Single Span In-line Duct	FACTA C
Fig FDD	Single Span In-line Duct	FACTA D
Fig FCA	Twin End Hinged Duct	FACTA A
Fig FCB	Twin End Hinged Duct	FACTA B
Fig FCC	Twin End Hinged Duct	FACTA C
Fig FCD	Twin End Hinged Duct	FACTA D

STAMPLOCK LOCKING MECHANISM

- Facility to fit numerous utility padlocks
- Locks are fully replaceable
- Anti-theft built into the design
- Operator friendly

Example Specification

Fig FDD30001000/G/SS = Triple In-line FACTA D loading / 3000 x 1000mm clear opening / Single hinged safety grids per cover section / Manufactured in stainless steel

Note: Pictures are for illustrative purposes only and will vary dependant on the product features chosen

Steelway Prolift range of access covers and frames are designed for use on a variety of applications that require frequent opening and are subject to medium duty slow moving vehicular traffic. All of the products within the Prolift range incorporate torsion springs for ease of opening by one person. The range incorporates a shallow depth plain seated, unsealed frame which is easy to install. The Prolift range is suitable for all applications and especially where depth is a problem.

- Single skin flush fitting
- Torsion spring assisted for single person operation
- 75mm deep frame
- Internal fixings for increased security
- Unsealed
- Load tested to FACTA classification B or to the requirements of BS9124
- Stamp-Lock™ locking for utility padlocks
- Hidden tamperproof hinges
- Supplied as standard with single piece hinged safety grids
- Supplied as standard with cover safety stays to prevent accidental closure
- Galvanized to BSEN ISO1461

Additional Features

- /G Single piece safety grid
- /M1 Open mesh walk on safety grid
- /T1 Single pump pull through safety grid
- /T2 Twin pump pull through safety grid
- /CO Cut outs in safety grid
- /CF Cable entry flaps
- /OP Over pumping flap
- /Pi Hinged peep in cover flap
- /140G 140 micron galvanizing
- /RAL Powder coating over galvanizing
- /SRC Slip reducing coating
- /FXK Fixing bolts
- /PB Demountable posts and barriers

Size Range

Available in any size from 450 x 450mm clear opening upto 2400 x 1800mm

Cover configurations

- FAP - Single
- FBP - Twin In-Line
- FCP - Twin End Hinged
- FDP - Triple In-Line

AVAILABLE LOADINGS

B

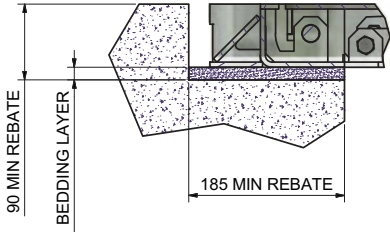


PROLIFT

SOLID TOP HINGED - UNSEALED & ASSISTED

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REBATE DETAILS ALL SIDES



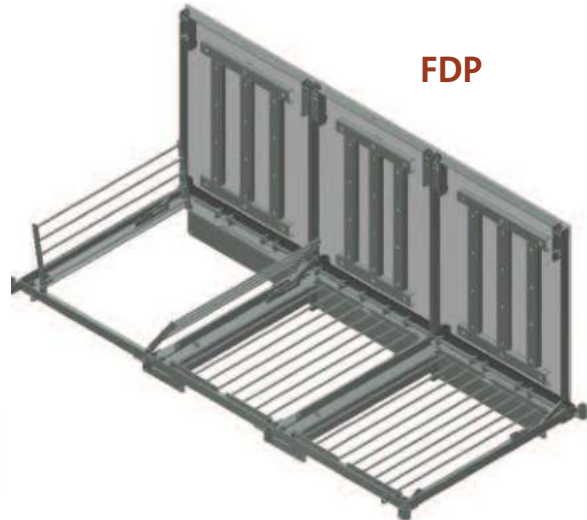
FAP



FBP



FDP



FCP



STAMPLOCK LOCKING MECHANISM

- Facility to fit numerous utility padlocks
- Locks are fully replaceable
- Anti-theft built into the design
- Operator friendly

Example Specification

Fig FBP1500900/T1 = Twin in-line hinged FACTA B loading / 1500 x 900mm clear opening / Single pump pull through safety grid per cover section

Note: Pictures are for illustrative purposes only and will vary dependant on the product features chosen

PRODUCT REFERENCES

Fig FAP	Single Units	FACTA B
Fig FBP	Twin In-Line	FACTA B
Fig FCP	Twin End Hinged	FACTA B
Fig FDP	Triple In-Line	FACTA B

UPSTAND-UP

SOLID TOP HINGED - WATER SHEDDING & ASSISTED

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Steelway Upstanding range of access covers and frames are designed for use on a variety of projects containing chambers, that are opened frequently, but are not subject to vehicular traffic. The range incorporates torsion springs for ease of opening by one person. Units are sealed and watershedding and are easy to install on refurbishment sites as no rebates are required. The Upstanding range offers a very cost effective solution.

- Single skin upstanding frame
- Torsion spring assisted for single person operation
- Water shedding
- Internal fixings for increased security
- EPDM or Nitrile sealed
- Load tested to FACTA classification A
- Shrouded hasp and staple locking for utility padlocks
- Hidden tamperproof hinges
- Supplied as standard with single piece hinged safety grids
- Supplied as standard with cover safety stays to prevent accidental closure
- Galvanized to BSEN ISO1461

Additional Features

- /G Single piece safety grid
- /M1 Open mesh walk on safety grid
- /T1 Single pump pull through safety grid
- /T2 Twin pump pull through safety grid
- /PI Hinged peep in cover flap
- /RAL Powder coating over galvanizing
- /SRC Slip reducing coating
- /FXK Fixing bolts

Size Range

Available in any size from 450 x 450mm clear opening to suit any chamber opening dimensions

Cover configuration include

- UPA - Single
- UPB - Twin In-Line
- UPC - Twin End Hinged
- UPD - Triple In-Line
- UPD - Single Span In-Line Duct
- UPC - Twin End Hinged Duct

AVAILABLE LOADINGS

A



UPSTAND-UP

SOLID TOP HINGED - WATER SHEDDING & ASSISTED

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

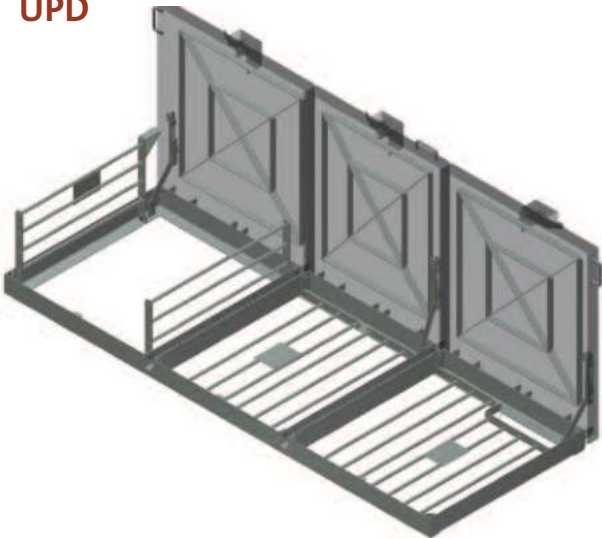
UPB



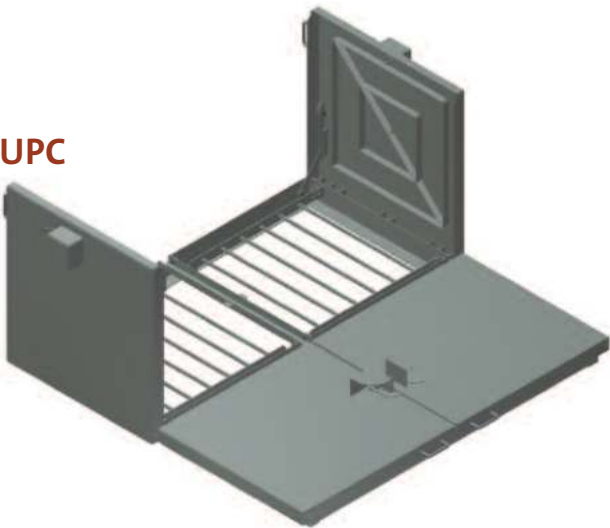
UPA



UPD



UPC



PRODUCT REFERENCES

Fig UPA	Single Units	FACTA A
Fig UPB	Twin In-Line	FACTA A
Fig UPC	Twin End Hinged	FACTA A
Fig UPD	Triple In-Line	FACTA A
Fig UPD	Single Span In-line Duct	FACTA A
Fig UPC	Twin End Hinged Duct	FACTA A

Example Specification

Fig UPA900900/G = Single unit A loading / 900 x 900mm clear opening / Single hinged safety grid per cover section

Note: Pictures are for illustrative purposes only and will vary dependant on the product features chosen

ANCILLARY PRODUCTS

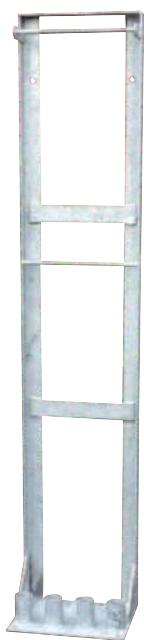
Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk



Steelway Bri-Grate is a mild steel lasered pull-through floor grid suitable for pedestrian duty traffic. We can fabricate from sizes of 300 x 300mm up to 1000 x 1000mm. All grids are galvanized to BSEN ISO1461.



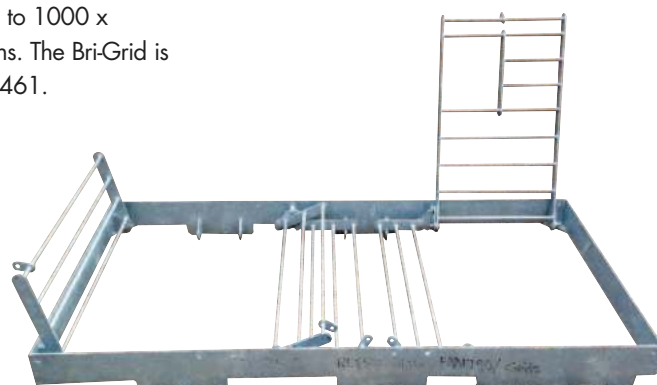
Steelway Bri-Grid SS is a stainless steel security / safety grid system designed to be retro-fitted into existing chambers that already have an access cover present. We can fabricate from sizes of 300 x 300mm up to 1000 x 2000mm in hinged sections. The Bri-Grid SS can also be fabricated in mild steel, galvanized to BSEN ISO1461.



Steelway Bri-Store barrier storage solution provides a neat and tidy way to store demountable barrier systems. It is designed primarily for Steelway Defender and Prolift barriers but can be modified to suit a variety of different types. The Bri-Store is galvanized to BSEN ISO1461 and can also be powder coated to specific RAL colours.



Steelway Bri-Grid is a mild steel security / safety grid system designed to be retro-fitted into existing chambers that already have an access cover present. We can fabricate from sizes of 300 x 300mm up to 1000 x 2000mm in hinged sections. The Bri-Grid is galvanized to BSEN ISO1461.



PLEASE REFER TO
WWW.REDBOOKLIVE.COM FOR THE
FULL SCOPE OF CERTIFICATION

Security Products

Product Range

TORLIFT
DEFENDER SEC 3
SENTRY 37
SENTRY 37-RH
SENTRY 47
SENTRY 47-RH
SENTRY 45
BRIPLATE SUB
MULTIGUARD 3
MULTIGUARD V3
CAGES
KIOSKS
BAR SETS
DOORS
SENTRY APB
SAMPLE TAP BOXES
SECURITY BOXES & PANELS

TORLIFT SECURITY COVER

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Steelway Torlift range of access covers and frames are operable from above and below (subject to safety grid option) and are designed for use on a variety of applications that require a lower level of security combined with frequent opening. The Torlift range is subject to slow moving vehicular traffic upto FACTA classification D. All of the products within the Torlift range incorporate heavy gauge torsion springs for ease of opening by one person. The range incorporates a deep channel frame which is sealed by EPDM or Nitrile and can be drained into the chamber or by weep pipes externally. Its frame design offers excellent stability under load. The Torlift range is suitable for all applications especially on new builds where rebates are to be cast or where road conditions are being built up around the framing.

- Single skin flush fitting
- Torsion spring assisted for single person operation
- Cover operable from both above and below
- Internal fixings for increased security
- EPDM or Nitrile sealed
- Load tested to FACTA classification loadings A-D or to the requirements of BS9124
- Special operation security lock to deter opportunistic vandalism
- Hidden tamperproof hinges
- Supplied as standard with cover safety stays to prevent accidental closure
- Galvanized to BSEN ISO1461

Additional Features

/M1	Open mesh walk on safety grid
/G1	Single piece hinged safety grid
/T1	Single pump pull through safety grid
/T2	Twin pump pull through safety grid
/FS	Chamber security fixing straps
/140G	140 micron galvanizing
/RAL	Powder coating over galvanizing
/SRC	Slip reducing coating
/FXK	Fixing bolts
/PB	Demountable posts and barriers

Size Range

Available in any size from 500 x 500mm clear opening to suit any chamber opening dimensions

Cover Configurations

FA - Single
FB - Twin In-Line
FC - Twin End Hinged
FD - Triple In-Line
FE - Triple 3 Side Hinged



PRODUCT REFERENCES

Fig TOAA	Single Units	FACTA A
Fig TOAB	Single Units	FACTA B
Fig TOAC	Single Units	FACTA C
Fig TOAD	Single Units	FACTA D
Fig TOBA	Twin In-Line	FACTA A
Fig TOBB	Twin In-Line	FACTA B
Fig TOBC	Twin In-Line	FACTA C
Fig TOBD	Twin In-Line	FACTA D
Fig TOCA	Twin End Hinged	FACTA A
Fig TOCB	Twin End Hinged	FACTA B
Fig TOCC	Twin End Hinged	FACTA C
Fig TODC	Twin End Hinged	FACTA D
Fig TODA	Triple In-Line	FACTA A
Fig TODB	Triple In-Line	FACTA B
Fig TODC	Triple In-Line	FACTA C
Fig TODD	Triple In-Line	FACTA D
Fig TOBA	Single Span In-line Duct	FACTA A
Fig TOBB	Single Span In-line Duct	FACTA B
Fig TOBC	Single Span In-line Duct	FACTA C
Fig TOBD	Single Span In-line Duct	FACTA D
Fig TOCA	Twin End Hinged Duct	FACTA A
Fig TOCB	Twin End Hinged Duct	FACTA B
Fig TOCC	Twin End Hinged Duct	FACTA C
Fig TODC	Twin End Hinged Duct	FACTA D

DEFENDER SEC3

LEVEL 3 FLUSH COVER

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Steelway Defender SEC3 range of access covers and frames are designed for use on a variety of applications that require protection from opportunistic attack or vandalism. The range of Defender SEC3 are approved to LPS1175 SR3 rating. The design allows for frequent opening and is suitable for applications that have the use of slow moving vehicular traffic up to FACTA class D. All of the products within the Defender SEC3 range incorporate heavy gauge torsion springs for ease of opening by one person. The range incorporates a deep channel frame which is sealed by EPDM or Nitrile and can be drained into the chamber or by weep pipes externally. Its frame design offers excellent stability under load. The Defender range is suitable for all applications especially on new builds where rebates are to be cast or where road conditions are being built up around the framing.

Standard Features

- Tested to LPS1175 Iss 7
- Single skin flush fitting
- Torsion spring assisted for single person operation
- 106mm Deep frame for stability
- Internal fixings for increased security
- EPDM or Nitrile sealed
- Load tested to FACTA classification loadings A-D or to the requirements of BS9124
- SEC3 Stamp-Lock™ locking for utility padlocks
- Hidden tamperproof hinges
- Supplied as standard with single piece hinged safety grids
- Supplied as standard with cover safety stays to prevent accidental closure
- Galvanized to BSEN ISO1461

Additional Features

- /M1 Open mesh walk on safety grid
- /T1 Single pump pull through safety grid
- /T2 Twin pump pull through safety grid
- /CF Cable entry flaps
- /PI Hinged peep in cover flap
- /140G 140 micron galvanizing
- /RAL Powder coating over galvanizing
- /SRC Slip reducing coating
- /FXK Fixing bolts
- /PB Demountable posts and barriers

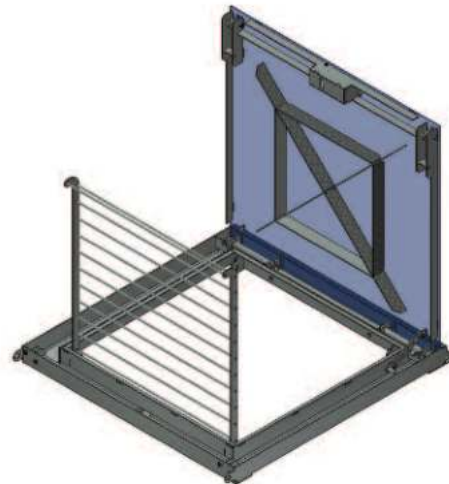
Size Range

Available in any size from 500 x 500mm clear opening up to 1500 x 1000mm

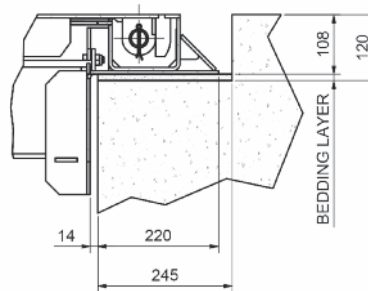
Cover Configurations

3FA - Single

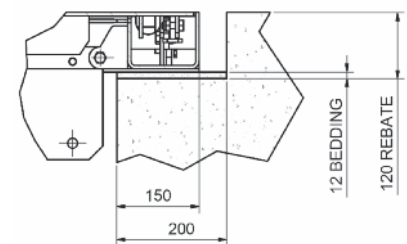
For multiple pit layouts or non available sizes, please contact our sales department



Front & Rear Sections



Side Sections



STAMPLOCK LOCKING MECHANISM

- Facility to fit numerous utility padlocks
- Locks are fully replaceable
- Anti-theft built into the design
- Operator friendly
- LPS1175 SR3

PRODUCT REFERENCES

Fig 3FAA	Single Units	FACTA A
Fig 3FAB	Single Units	FACTA B
Fig 3FAC	Single Units	FACTA C
Fig 3FAD	Single Units	FACTA D

Example Specification

Fig 3FAD800800/M1/PB = Single unit FACTA D loading / 800 x 800mm clear opening / Single walk on safety grid / Complete with demountable safety barriers

Steelway Sentry37 range of upstanding reservoir access covers and frames are designed for use on a variety of applications that require protection from opportunistic attack or vandalism. The range of Sentry37 are approved to LPS1175 Iss 7 SR3 rating. The design allows for frequent opening and is suitable for all applications where weather proofing is essential. This can be combined with ventilation where required. All of the products within the range have torsion springs for ease of opening by one person. The range can be supplied with or without an inner cover. Within the frame is the facility to attach alarm contacts and a junction box.

Standard Features

- Certified to LPS1175 SR3 Iss 7
- Twin skin WRC sealed and vented
- Torsion spring assisted for single person operation
- Upstanding frame
- Internal fixings for increased security
- Load tested to FACTA classification loadings A
- Shrouded 3 point locking for utility padlocks
- Hidden tamperproof hinges
- Supplied as standard with single piece hinged safety grids
- Supplied as standard with cover safety stays to prevent accidental closure
- Galvanized to BSEN ISO1461

Additional Features

- /1S No inner cover - Single skin
- /LG Ladder extension auto locking safety grid
- /RAL Powder coating over galvanizing
- /SRC Slip reducing coating
- /FXK Fixing bolts
- /1AB Alarm bracket

Size Range

Available in any size from 300 x 300mm clear opening up to 1500 x 2200mm

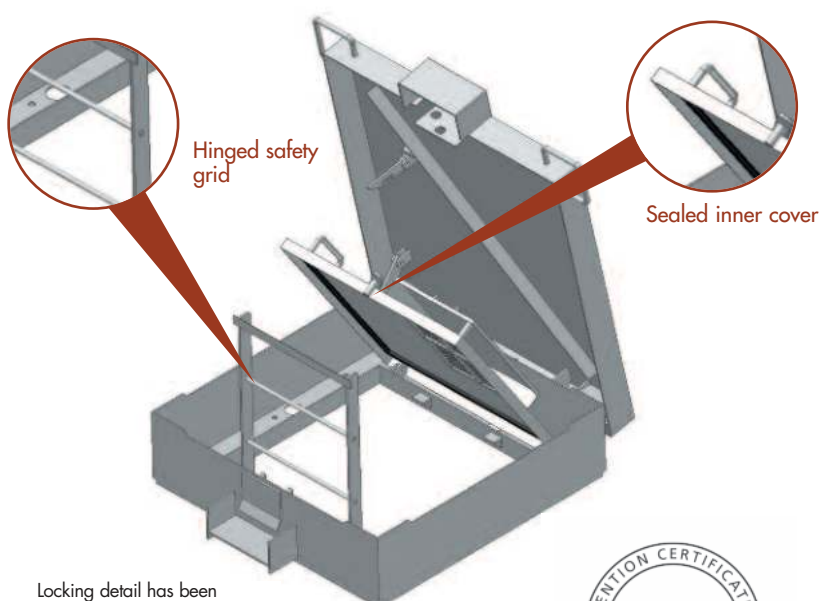
Product References

- SA3 - Single
- 2SA3 - Twin
- SV3 - Ventilator cover
- SE3 - Valve cover

For multiple pit layouts, please contact our sales department

Example Specification

Fig 2SA3/22001200/LG/AB = Twin unit / 2200 x 1200mm clear opening / hinged ladder extension safety grids / Complete with alarm brackets



Locking detail has been removed for security reasons.



LPS LPS1175: Issue 7
Cert/LPCB ref. 645b

SENTRY37RH

LEVEL 3 SECURITY ROOF HATCH

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Steelway Sentry37RH range of security roof hatches are designed for use on a variety of applications that require protection from opportunistic attack or vandalism. The range of Sentry37RH are approved to LPS1175 Iss 7 SR3 rating. The design primarily suits large chambers either raised or at ground level where infrequent removal of the main hatch is required. However, the design allows for frequent access by personnel through a Sentry3 access cover. The Sentry37RH is watershedding and suitable for all chambers that require weather proofing. All of the products within the range incorporate large lift off cover sections which require mechanical lifting but all entry access points have torsion springs for ease of opening by one person. Within the frame is the facility to attach alarm contacts and a junction box.

Standard Features

- Certified to LPS1175 SR3 Iss 7
- Single skin access cover and frame
- Slip reducing coating
- Torsion spring assisted on entry points for single person operation
- Upstanding frame
- Internal fixings for increased security
- Load tested to FACTA classification loadings A
- Shrouded 3 point locking for utility padlocks on entry points
- Shoot bolt internal locking on main access covers
- Hidden tamperproof hinges
- Entry access covers supplied with single piece ladder extension auto locking safety grids
- Entry access covers supplied with safety stays to prevent accidental closure
- Galvanized to BSEN ISO1461

Additional Features

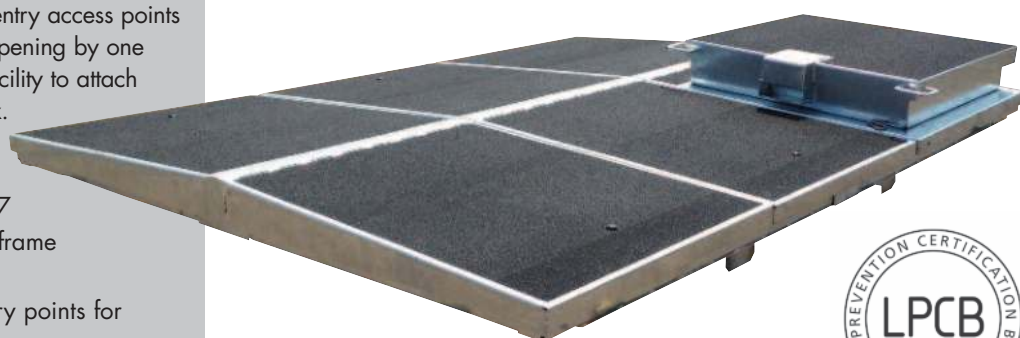
- /1AB Alarm bracket
- /RAL Powder coating over galvanizing
- /FXK Fixing bolts
- /ACC Steelway designed and fabricated stair and handrail system (Please contact our sales office for further details)

Size Range

Available in sizes from 1200 x 1200mm clear opening. Please contact our sales office with your requirements.

Product Reference

SRH3 - SR3 Roof hatch



LPS LPS1175: Issue 7
Cert/LPCB ref. 645b



Example Specification

Fig SRH3/30002000/1AB = Level 3 roof hatch / 3000 x 2000mm clear opening / one alarm and jct box bracket per access point

SENTRY47

LEVEL 4 ISS.7 UPSTAND SECURITY COVER

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Steelway Sentry47 range of upstanding reservoir access covers and frames are designed for use on a variety of applications that require protection from opportunistic attack or vandalism. The range of Sentry47 are approved to LPS1175 Iss 7 SR4 rating. The design allows for frequent opening and is suitable for applications over potable water where security of seal and drawdown ventilation is required. All of the products within the range have torsion springs for ease of opening by one person. The range incorporates a moated frame and inner cover which is sealed by a WRC approved sealing strip to ensure that the ingress of contaminated liquids is not possible. Within the frame is the facility to attach alarm contacts and a junction box.

Standard Features

- Certified to LPS1175 SR4 Iss 7
- Twin skin WRC sealed and vented
- Torsion spring assisted for single person operation
- Upstanding frame
- Internal fixings for increased security
- Load tested to FACTA classification loadings A
- Shrouded 3 point locking for utility padlocks
- Hidden tamperproof hinges
- Supplied as standard with single piece hinged safety grids
- Supplied as standard with cover safety stays to prevent accidental closure
- Galvanized to BSEN ISO1461

Additional Features

- /1S No inner cover - Single skin
- /LG Ladder extension auto locking safety grid
- /1AB Alarm bracket
- /RAL Powder coating over galvanizing
- /SRC Slip reducing coating
- /FXK Fixing bolts

Size Range

Available in any size from 475 x 475mm clear opening up to 1200 x 1200mm

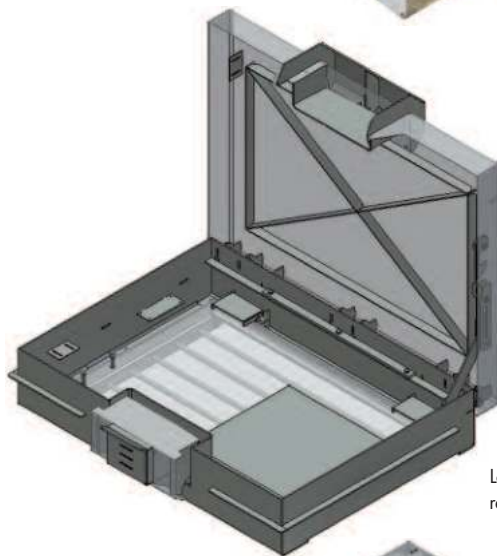
Cover Configurations

- SA47 - Single
- SV47 - Ventilator cover
- SE47 - Valve cover

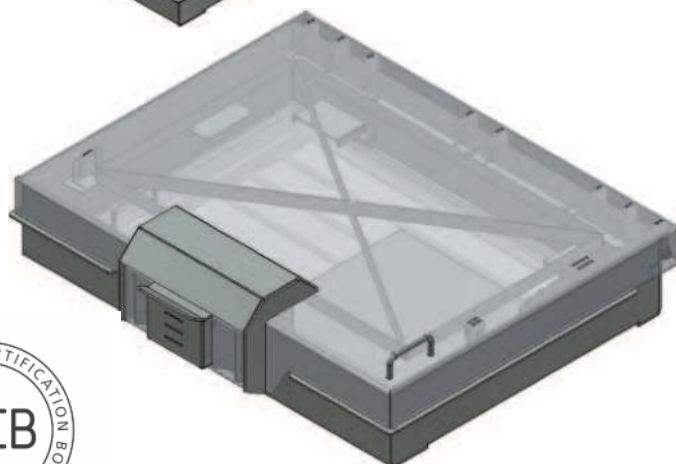
For multiple pit layouts, please contact our sales department

Example Specification

Fig SA47/900900/1S = Single cover / 900 x 900mm clear opening / Single skin (no inner cover)



Locking detail has been removed for security reasons.



LPS LPS1175: Issue 7
Cert/LPCB ref. 645b

SENTRY47RH

LEVEL 4 SECURITY ROOF HATCH

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Steelway Sentry47RH range of security roof hatches are designed for use on a variety of applications that require protection from opportunistic attack or vandalism. The range of Sentry47RH are approved to LPS1175 Iss 7 SR4 rating. The design primarily suits large chambers either raised or at ground level where infrequent removal of the main hatch is required. However, the design allows for frequent access by personnel through a Sentry4 access cover. The Sentry47RH is watershedding and suitable for all chambers that require weather proofing. All of the products within the range incorporate large lift off cover sections which require mechanical lifting but all entry access points have torsion springs for ease of opening by one person. Within the frame is the facility to attach alarm contacts and a junction box.

Standard Features

- Certified to LPS1175 SR4 Iss 7
- Single skin access cover and frame
- Slip reducing coating
- Torsion spring assisted on entry points for single person operation
- Upstanding frame
- Internal fixings for increased security
- Load tested to FACTA classification loadings A
- Shrouded locking for utility padlocks on entry points
- Shoot bolt internal locking on main access covers
- Hidden tamperproof hinges
- Entry access covers supplied with single piece ladder extension auto locking safety grids
- Entry access covers supplied with safety stays to prevent accidental closure
- Galvanized to BSEN ISO1461

Additional Features

- /1AB Alarm bracket
- /RAL Powder coating over galvanizing
- /FXK Fixing bolts
- /ACC Steelway designed and fabricated stair and handrail system (Please contact our sales office for further details)

Size Range

Available in sizes from 1200 x 1200mm clear opening. Please contact our sales office with your requirements

Cover Configurations

SRH47 - SR4 Roof hatch



LPS LPS1175: Issue 7
Cert/LPCB ref. 645b

Locking detail has been removed for security reasons.



Example Specification

Fig SRH47/30002000/1AB = Level 4 roof hatch / 3000 x 2000mm clear opening / one alarm and jct box bracket per access point

SENTRY45

LEVEL 4 ISS.5 UPSTAND SECURITY COVER

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Steelway Sentry45 range of upstanding reservoir access covers and frames are designed for use on a variety of applications that require protection from opportunistic attack or vandalism. The range of Sentry45 are approved to LPS1175 Iss 5 SR4 rating. The design allows for frequent opening and is suitable for applications over potable water where security of seal and drawdown ventilation is required. All of the products within the range have torsion springs for ease of opening by one person. The range incorporates a moated frame and inner cover which is sealed by a WRC approved sealing strip to ensure that the ingress of contaminated liquids is not possible. Within the frame is the facility to attach alarm contacts and the junction box. Please note that this product is only suitable where LPS1175 SR4 Issue 5 is accepted.

Standard Features

- Certified to LPS1175 SR4 Iss 5
- Twin skin WRC sealed and vented
- Torsion spring assisted for single person operation
- Upstanding frame
- Internal fixings for increased security
- Load tested to FACTA classification loadings A
- Shrouded 3 point locking for utility padlocks
- Hidden tamperproof hinges
- Supplied as standard with single piece hinged safety grids
- Supplied as standard with cover safety stays to prevent accidental closure
- Galvanized to BSEN ISO1461

Additional Features

- /1S No inner cover - Single skin
- /1AB Alarm bracket
- /LG Ladder extension auto locking safety grid
- /RAL Powder coating over galvanizing
- /SRC Slip reducing coating
- /FXK Fixing bolts

Size Range

Available in any size from 300 x 300mm clear opening up to 1200 x 2200mm

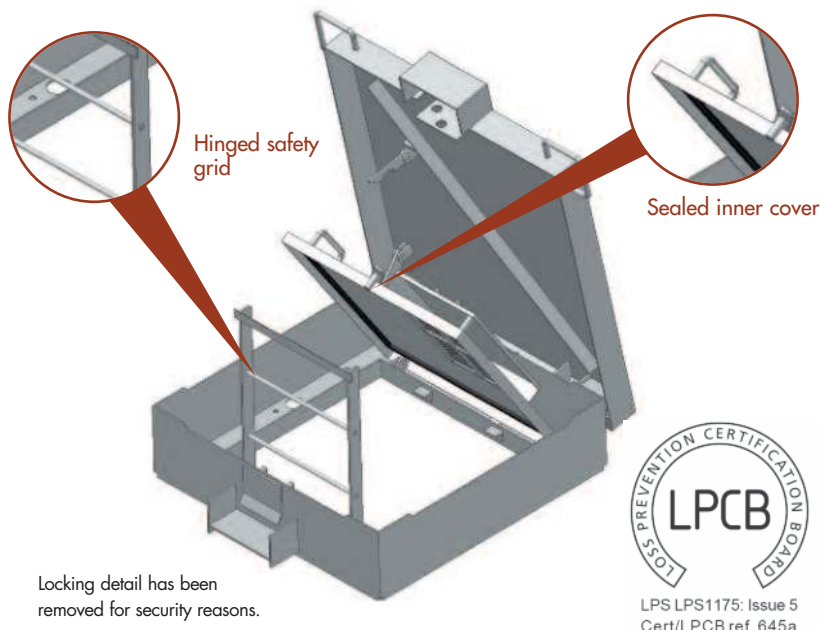
Covers configurations include

- SA45 - Single
- SV45 - Ventilator cover
- SE45 - Valve cover
- 2SA45 - Twin cover

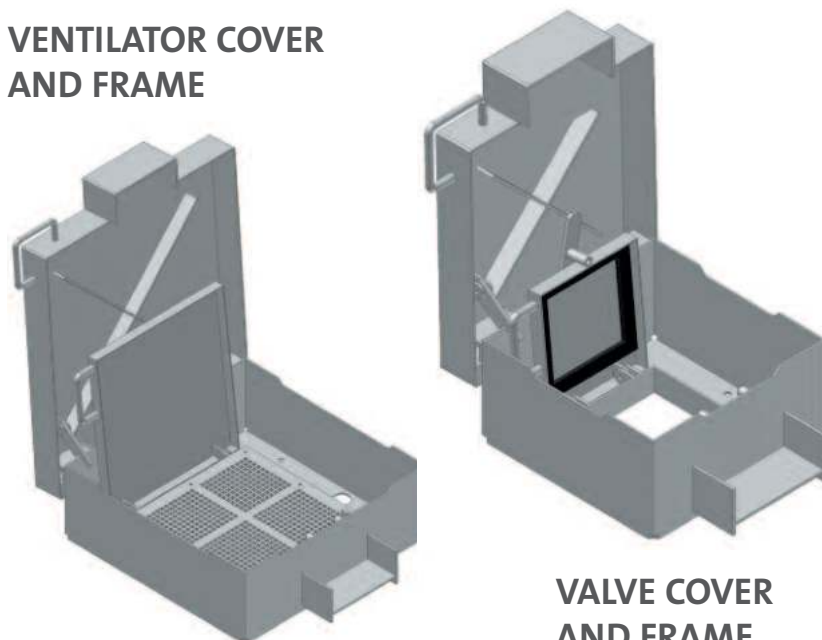
For multiple pit layouts, please contact our sales department

Example Specification

Fig SA45/900900/1S = Single cover / 900 x 900mm clear opening / Single skin (no inner cover)



VENTILATOR COVER AND FRAME



VALVE COVER AND FRAME

BRIPLATE SUB

SECURITY UNDERCOVER

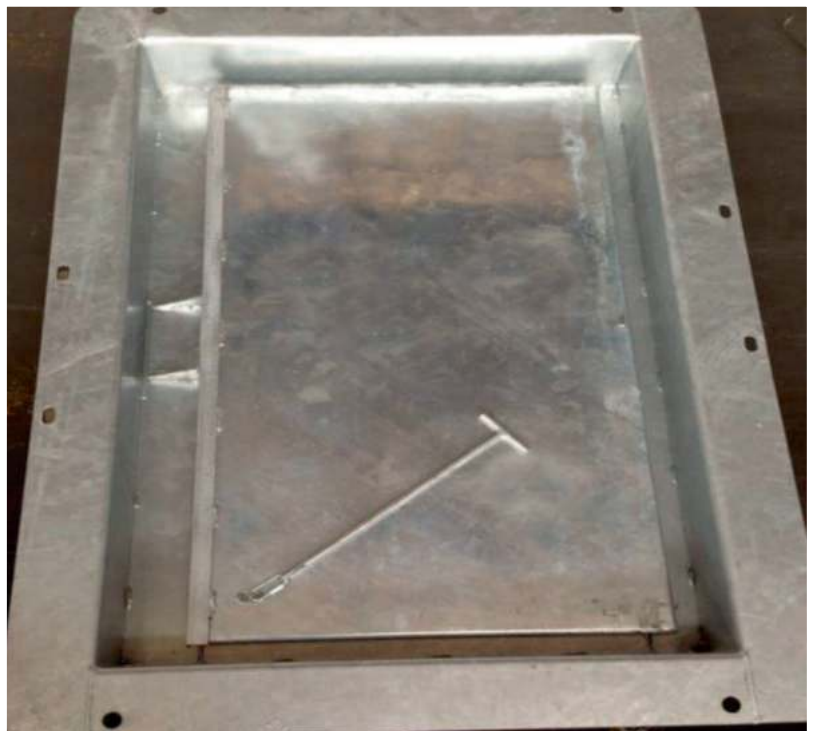
Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Steelway Briplate SUB range of security undercovers and frames are designed for use on a variety of applications that require the protection of assets underneath traditional ductile iron carriageway units. The range is primarily designed to sit directly beneath the SGP Pam range of Opt-Emax products however can also be installed as a retro-fit solution on a multitude of chambers. The Briplate SUB is designed to prevent unauthorised entry into chambers but also features a moated frame to prevent the ingress of flammable liquids thus preventing damage to the assets beneath by fire.

- LPS1175 SR3 Iss7 Certified (SUB3 Range ONLY)
- Moated frame to prevent the ingress of flammable liquids
- Captive hinged for one person operation
- Ergonomic lifting handle for ease of opening
- Auto safety stay to prevent accidental closure when in the open position
- Fully hardened hasp & staple for a range of padlocks
- Minimum 3mm thick mild steel
- Fully flanged frame for use with Opt-Emax ductile iron units (SUB3 Range ONLY)
- Galvanized to BSEN ISO1461

Size Range

Available in any size from 450 wide to 1800mm clear opening to suit any chamber opening dimensions



PRODUCT REFERENCES

Fig PLSUB3A	LPS1175 SR3 Issue7 to suit Opt-Emax 1340 x 900 mmc/o
Fig PLSUB3B	LPS1175 SR3 Issue7 to suit Opt-Emax 750 x 700 mmc/o
Fig PLSUB3C	LPS1175 SR3 Issue7 to suit Opt-Emax 600 x 450 mmc/o
Fig PLSUB3/2	LPS1175 SR3 Issue7 to suit a telecomms chamber no 2
Fig PLSUB3/4	LPS1175 SR3 Issue7 to suit a telecomms chamber no 4
Fig PLSUB3/5	LPS1175 SR3 Issue7 to suit a telecomms chamber no 5
Fig PLSUB3/6	LPS1175 SR3 Issue7 to suit a telecomms chamber no 6
Fig PLSUB3/10	LPS1175 SR3 Issue7 to suit a telecomms chamber no 10
Fig PLSUB3/11	LPS1175 SR3 Issue7 to suit a telecomms chamber no 11
Fig PLSUB3/JC1	LPS1175 SR3 Issue7 to suit a telecomms chamber no JC1
Fig PLSUB	Non LPS1175 450mm up to 1800mm

For information on Opt-Emax, please contact Saint-Gobain Pam UK on 01159 305000



MULTI-GUARD 3

LEVEL 3 FLUSH FIT OR UPSTANDING COVER

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Steelway Multi-Guard3 range of access covers can be installed flush or left upstanding and provides protection from opportunistic attack or vandalism and are designed for use on a variety of projects containing chambers that are opened frequently and are accessible by slow moving vehicular traffic. The design includes both lift off and hinged cover sections which allows all ranges of sizes to be covered in a cost effective manner. The Multi-Guard3 range can incorporate frame vents which allows air to move from within the chamber and can also be supplied with a sound reducing internal cladding. The entry hatch covers are supplied with torsion springs for ease of opening by one person.

AVAILABLE LOADINGS

A B C D



Standard Features

- Certified to LPS1175 SR3 Iss 7
- Single skin flush fit frame
- 150mm deep for stability under load
- Torsion spring assisted for single person operation
- Water resistant when the channel is drained to a suitable soak away
- Internal fixings for increased security
- Load tested to FACTA classification loadings A-D or to the requirements of BS9124
- SEC3 Stamp-Lock™ locking for utility padlocks
- Hidden tamperproof hinges
- Supplied as standard with cover safety stays to prevent accidental closure
- Galvanized to BSEN ISO1461

Additional Features

- /E EPDM sealed
- /G Hinged safety grid
- /M1 Walk on safety grid
- /T1 Single pump pull through safety grid
- /T2 Twin pump pull through safety grid
- /PB Demountable posts and barriers
- /140G 140 micron galvanizing
- /RAL Powder coating over galvanizing
- /SRC Slip reducing coating
- /FXK Fixing bolts
- /V Ventilated frame

Size Range

Available in any size from 475 x 475mm clear opening to suit any chamber opening dimensions

Covers configurations include

- MGA - Single
- MGC - Twin End Hinged
- MGH - Twin End Hinged c/w lift out centre cover
- MGD - Twin End Hinged Duct c/w multi lift out centre covers



STAMLOCK LOCKING MECHANISM

- Facility to fit numerous utility padlocks
- Locks are fully replaceable
- Anti-theft built into the design
- Operator friendly
- LPS1175 SR3



PRODUCT REFERENCES

Fig MGAA	Single Units	FACTA A
Fig MGAB	Single Units	FACTA B
Fig MGAC	Single Units	FACTA C
Fig MGAD	Single Units	FACTA D
Fig MGCA	Twin End Hinged	FACTA A
Fig MGCB	Twin End Hinged	FACTA B
Fig MGCC	Twin End Hinged	FACTA C
Fig MGCD	Twin End Hinged	FACTA D
Fig MGHA	Twin End Hinged C/W Lift out centre cover	FACTA A
Fig MGHB	Twin End Hinged C/W Lift out centre cover	FACTA B
Fig MGHC	Twin End Hinged C/W Lift out centre cover	FACTA C
Fig MGHD	Twin End Hinged C/W Lift out centre cover	FACTA D
Fig MGDA	Twin End Hinged Duct C/W Multiple Lift out centre covers	FACTA A
Fig MGDB	Twin End Hinged Duct C/W Multiple Lift out centre covers	FACTA B
Fig MGDC	Twin End Hinged Duct C/W Multiple Lift out centre covers	FACTA C
Fig MGDD	Twin End Hinged Duct C/W Multiple Lift out centre covers	FACTA D

Example Specification

Fig MGC20001000/E/M1 = Twin end hinged cover / 2000 x 1000mm clear opening / EPDM sealed / Single walk on safety grid under each cover

MULTI-GUARD V3

LEVEL 3 UPSTANDING VENT COVER

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Steelway Multi-GuardV3 Upstanding range of access covers and frames provide protection from opportunistic attack or vandalism and are designed for use on a variety of projects containing chambers that are opened frequently but are not subject to vehicular traffic. The Multi-GuardV3 range incorporates baffled vents for maximum airflow from within the chamber and where required are supplied with a sound proof acoustic internal cladding. The design includes both lift off and hinged cover sections which allows all ranges of sizes to be covered in a cost effective manner. The hinged covers are supplied with torsion springs for ease of opening by one person. The Multi-GuardV3 ranges are water resistant and are easy to install on refurbishment sites as no rebates are required.

Standard Features

- Certified to LPS1175 SR3 Iss 7
- Single skin upstanding frame
- Torsion spring assisted for single person operation
- Water resistant
- Internal fixings for increased security
- Maximum ventilation around the frame
- Baffled centre cover ventilation shrouds
- Load tested to FACTA classification A
- SEC3 Stamp-Lock™ locking for utility padlocks
- Hidden tamperproof hinges
- Supplied as standard with hinged safety grids
- Supplied as standard with cover safety stays to prevent accidental closure
- Galvanized to BSEN ISO1461

Additional Features

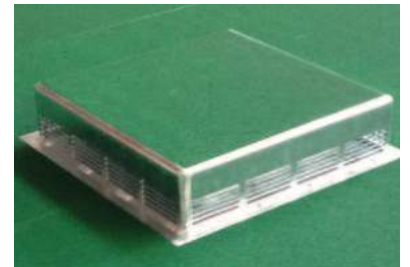
- /G Hinged safety grid
- /M1 Walk on safety grid
- /T1 Single pump pull through safety grid
- /T2 Twin pump pull through safety grid
- /PB Demountable posts and barriers
- /HB Hinged posts and chain barriers
- /140G 140 micron galvanizing
- /RAL Powder coating over galvanizing
- /SRC Slip reducing coating
- /FXK Fixing bolts
- /NRC Noise Reduction Cladding

Size Range

Available in a multitude of sizes from 475 x 475mm clear opening to suit any chamber opening dimensions

Covers configurations include

- MGVA - Single
- MGVC - Twin End Hinged
- MGVH - Twin End Hinged c/w lift out centre cover
- MGVD - Twin End Hinged Duct c/w multi lift out centre covers



Stamp-Lock 3™



STAMPLOCK LOCKING MECHANISM

- Facility to fit numerous utility padlocks
- Locks are fully replaceable
- Anti-theft built into the design
- Operator friendly
- LPS1175 SR3

PRODUCT REFERENCES

Fig MGVA	Single Units	FACTA A
Fig MGVC	Twin End Hinged	FACTA A
Fig MGVH	Twin End Hinged C/W Lift out centre cover	FACTA A
Fig MGVD	Twin End Hinged Duct C/W Multiple Lift out centre covers	FACTA A

Example Specification

Fig MGVH30001000/M1 = Twin end hinged unit with central lift off cover / 3000 x 1000mm clear opening / Single walk on safety grid under each cover

CAGES & MESH WALL SYSTEMS

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Cage systems provide a suitable solution for securing assets that require a lower level of physical protection than a kiosk offers. Cages also benefit from improved light entry and ventilation. Steelway fabricate cages that are certified to LPS 1175 SR2 and SR3.

- Easy to erect cage panels for ease of installation
- Available as stand alone cages or 3 sided wall lean to systems
- Shrouded padlock locking
- Internally fixed
- Single or double doors
- Available in a multitude of sizes
- Galvanized to BSEN ISO1461 with additional powder coatings to available RAL and BS colours



KIOSKS & SOLID WALL SYSTEMS

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Kiosks and enclosures provide optimum security combined with easy and fast installation. Steelway can supply and install a range of LPS1175 SR3 & SR4 certified kiosks, cabinets and buildings which are suitable for a multitude of applications across all market sectors.

- Easy to erect panels for speed of installation
- Available as complete kiosks, top hat designs or fully ventilated over kiosks
- Hidden roof ventilation to help reduce condensation
- Shrouded padlock locking
- Available with internal or external fixings
- Single or double doors
- Options for plywood backboards
- Available in a multitude of sizes
- Galvanized to BSEN ISO1461 with additional powder coating to available RAL and BS colours
- Easy to remove roof sections utilising locking push bolts



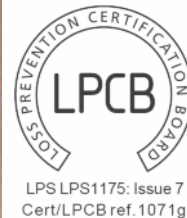
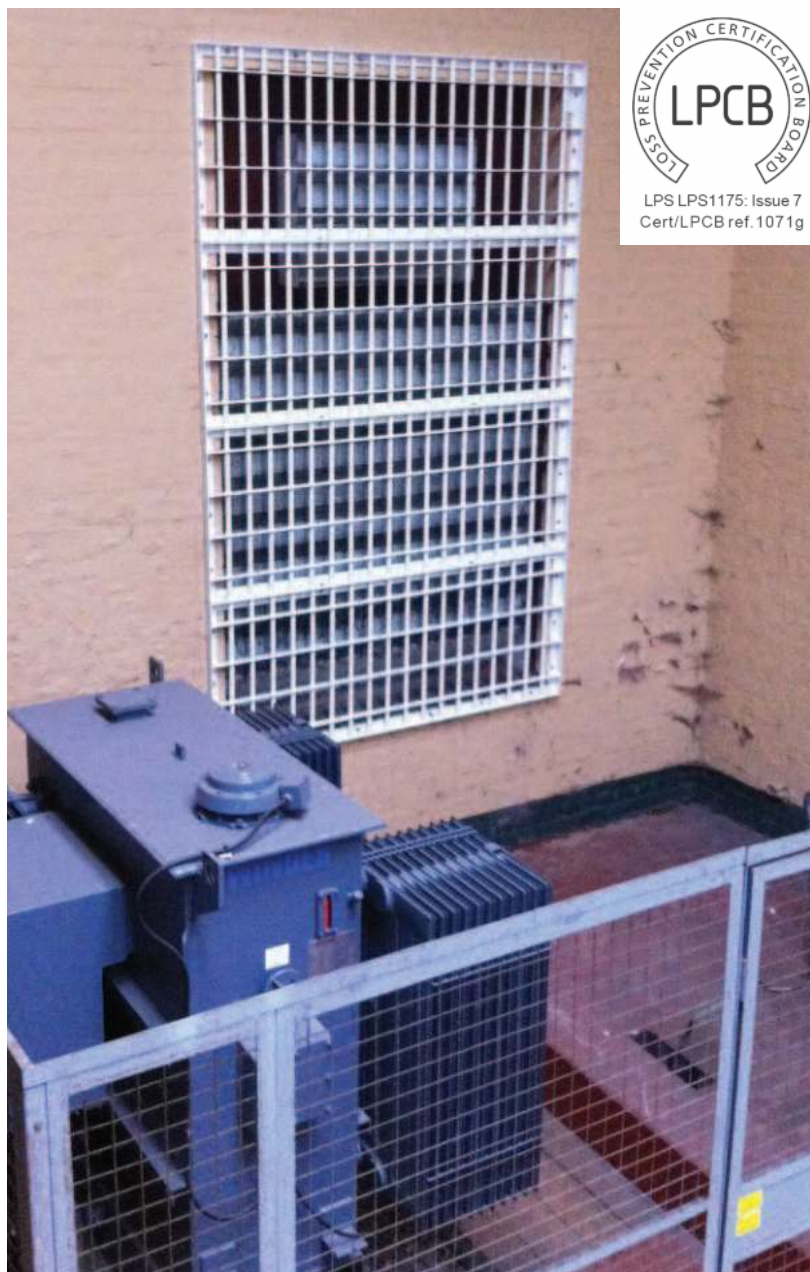
LPCB
LOSS PREVENTION CERTIFICATION BOARD
LPS LPS1175: Issue 7
Cert/LPCB ref.
1071e & 1071f

BAR SETS

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Fabricated from mild steel and in modular form, Steelway's fixed security bar sets and grilles offer an affordable solution for high and low level window protection. Bar sets are available to suit face fixed and reveal fixed applications internally and externally. Ranges are available certified to LPS 1175 SR2 & SR3.

- Face or reveal fixed
- Modular construction to suit all sizes
- Galvanized to BS EN ISO1461 with additional powder coatings to available RAL and BS colours
- Modular design for ease of installation

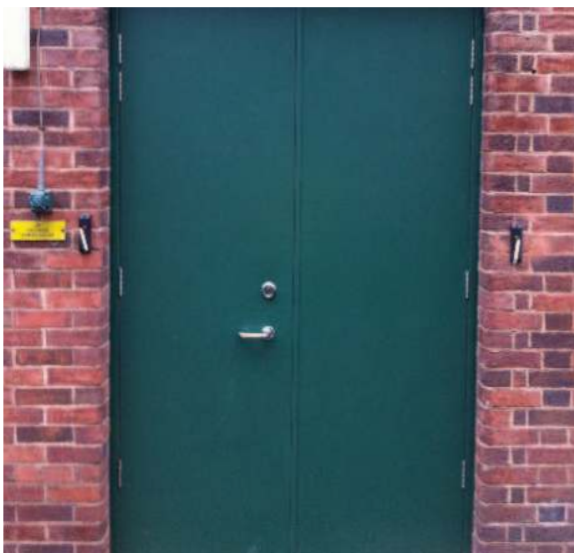


DOORS

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Steelway can supply and install differing ranges of single and double skinned security doors, all of which are available in many styles, colours and security ratings. Certain ranges are certified to LPS1175 SR2, SR3 and SR4 security levels.

- Mild steel single and double doors
- Mild steel mesh and bar cage doors
- Certified and non certified ranges available
- All doors are available as single or double leaf
- A multitude of locking and hardware options are available
- Galvanized finish to BS EN ISO1461 with powder coating to available RAL and BS colours
- Decorative cladding options are available on certain ranges



SENTRY - APB

ASSET PROTECTION BOX

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Steelway Sentry-APB range of security boxes include a hinged access cover to protect assets and equipment from opportunistic attack or vandalism. The range of Sentry-APB products are approved to LPS1175 Iss 7 SR3 & SR4 ratings and are suitable for a multitude of applications.

Standard Features

- Sentry-APB3 boxes are certified to LPS1175 SR3 Iss 7
- Sentry-APB4 boxes are certified to LPS1175 SR4 Iss 7
- Bolt together modular construction for ease of installation
- Incorporates a Sentry3 or Sentry4 Double skin access cover and frame
- Torsion spring assisted for single person operation
- Internal fixings for increased security
- Shrouded locking for utility padlocks (not supplied)
- Hidden tamperproof hinges
- Galvanized to BSEN ISO1461

Additional Features

- /RAL Powder coating over galvanizing
- /V Ventilated panel construction
- /FXK Fixing bolts

Size Range

Box sizes are available from 1000 x 1000 x 360mm internal height. Please contact our sales department with your requirements.

Cover Configurations

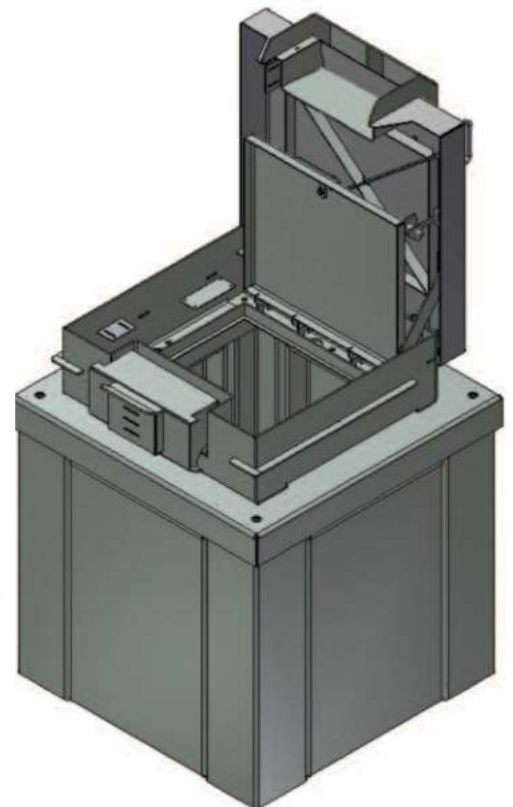
- SAPB3 - SR3 Box
- SAPB4 - SR4 Box

Example Specification

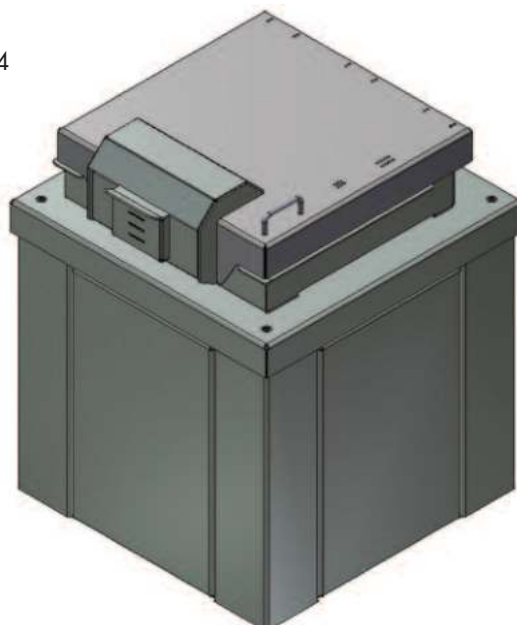
Fig SAPB4/10001000360 = Level 4 access hatch / 1000W x 1000D x 360mm internal height



LPS LPS1175: Issue 7
Cert/LPCB ref.1071e



Locking detail has been removed for security reasons.



SAMPLE TAP BOXES

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Steelway range of sample tap kiosks are designed for use on a variety of applications that require protection to taps or other small assets. All of the sample tap kiosks incorporate a single door with a shrouded locking facility for a padlock. The sample tap kiosks are available to suit either a single or twin tap set up. As standard they are supplied as an empty box, but can be supplied complete with the back board, shelf, pipework and sink (taps are supplied by others). The range of sample tap kiosks are certified to LPS1175 Iss 7 SR3 or SR4.

Standard Features

- Single skin construction
- Supplied as standard without backboards or taps
- Single door with stay to prevent unauthorised closure
- Shrouded locking for padlock
- Galvanized to BSEN ISO1461

Additional Features

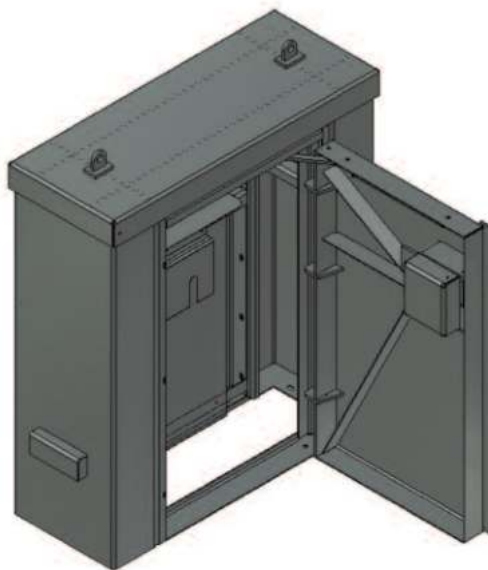
- /B Stainless back board only
- /1T 1 Tap setup (back board, pipework & sink)
- /2T 2 Tap setup (back board, pipework & sink)
- /RAL Powder coating over galvanizing
- /FXK Fixing bolts

Size Range

Available in a range of sizes from 1500H x 1300W x 500D to suit various tap configurations. Please contact our sales department for further information

Kiosk References

STB4 SR4
STB3 SR3



Locking detail has been removed for security reasons.



Example Specification

Fig STB3/15001300500/B/1T = Level 3 sample kiosk / 1500H x 1300W x 500D / Stainless steel back plate / 1 tap set up

SECURITY BOXES & PANELS

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk



Steelway can supply many different types of boxes, panels and vents suitable for a variety of applications. All products shown are manufactured from mild steel and are galvanized to BSEN ISO1461. The products can then be powder coated to specific RAL colours to suit their surroundings. Please contact our sales department to discuss the specific security ratings relating to the products that you require.



Biomass Fuel Storage Products

Product Range

BIOMASS GLC FUEL STORE COVERS
BIOMASS SLIDING ROOF HATCHES
BIOMASS HYD FUEL STORE COVERS

BIOMASS GLC

FUEL STORE COVERS

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Steelway GLC Hatches are designed for use over underground chambers that store Biomass wood fuel. The units are supplied with gas-ram lifting aids which enable large covers to be opened easily by one person. The GLC Hatches are watershedding to prevent the ingress of water into the chamber and are designed for use on concrete plinths. The units are supplied complete with internal safety grids which allow the underground stores to be filled easily, whilst preventing the operator from falling into the chamber below. The safety grids are spring assisted for ease of opening when required.

Standard Features

- Upstanding frame
- Gas-ram assisted cover sections for single person operation
- Spring assisted safety grids for single person operation
- Water shedding covers to prevent water ingress
- Load tested to FACTA classification A
- Shrouded hasp and staple locking for padlock locking
- Hidden tamperproof hinges
- Supplied as standard with hinged safety grids
- Supplied as standard with cover safety stays to prevent accidental closure
- Galvanized to BSEN ISO1461

Additional Features

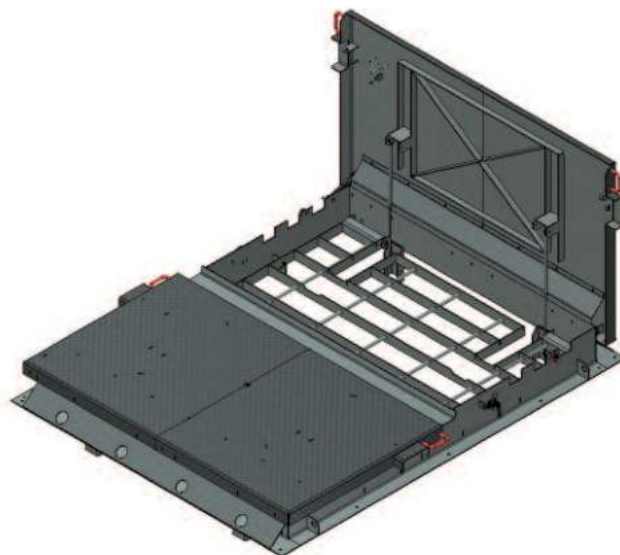
- /RAL Powder coating over galvanizing
- /SRC Slip reducing coating
- /FXK Fixing bolts

Size Range

Available in sizes from 1000 x 1000mm up to 2500 x 2500mm - For larger sizes please contact our sales department

Cover Configurations

- GLCA - Single
- GLCB - Twin End Hinged



Example Specification

Fig GLCB25002500/RAL = Twin end hinged / 2500 x 2500mm clear opening / Powder coating over galv (please state your required RAL colour)

BIOMASS

SLIDING ROOF HATCHES

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

CRC Hatches

Steelway CRC Hatches are designed for above or below ground chambers that store Biomass wood fuel. The covers are housed within a cladded metal framed structure and are mounted on rollers which enables easy and fast opening by one person. The CRC Hatches are watershedding to prevent the ingress of water into the chamber. The units are supplied complete with the cladding and can be finished in a variety of colours.

Standard Features

- Structural steel internal framework
- Full external cladding in a variety of colours
- Sliding cover rollers
- Single person operation

Size Range

Available in sizes from 1000 x 1000mm



SRC Hatches

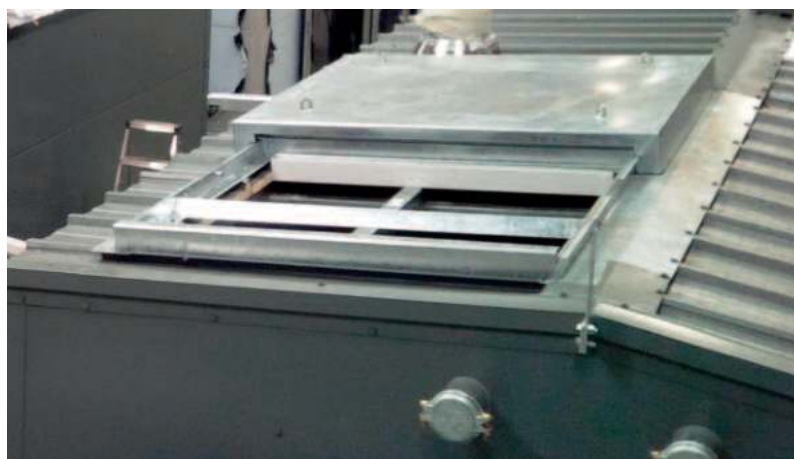
Steelway SRC Hatches are designed for above ground chambers or buildings that store Biomass wood fuel. The covers are housed within a cladded metal framed structure and are mounted on rollers which enables easy and fast opening by one person. The covers incorporate handles which allows roof mounted units to be opened at ground level. The SRC Hatches are watershedding to prevent the ingress of water into the chamber. The units are supplied complete with the cladding and can be finished in a variety of colours.

Standard Features

- Structural steel internal framework
- Full external cladding in a variety of colours
- Self cleaning sliding cover rollers
- Single person operation

Size Range

Available in sizes from 1000 x 1000mm



BIOMASS HYD FUEL STORE COVERS

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk

Steelway HYD Hatches are designed for use over underground chambers that store Biomass wood fuel. The units are supplied With gas-cylinders ready to accept a hydraulic fluid unit. The HYD Hatches are used in areas subject to slow moving vehicular traffic up to FACTA D loading. The units are flush fitting and are designed to sit in a concrete rebate. The units are supplied complete with internal safety grids which allow the underground stores to be filled easily, whilst preventing the operator from falling into the chamber below. The units are water resistant when the sealing channel is drained away to an external drain point.

Standard Features

- Flush fitting channel frame
- Supplied complete with cylinders for attachment to a hydraulic unit (by others)
- Integral hinged automatic safety grids
- Load tested to FACTA classification D
- 2 Part Epoxy Polyurethane coating

Additional Features

Hydraulic power pack - Please contact our sales department for further information.

Size Range

Available in sizes from 1500 x 1500mm

up to 3500 x 3500mm

For larger sizes please contact our sales department

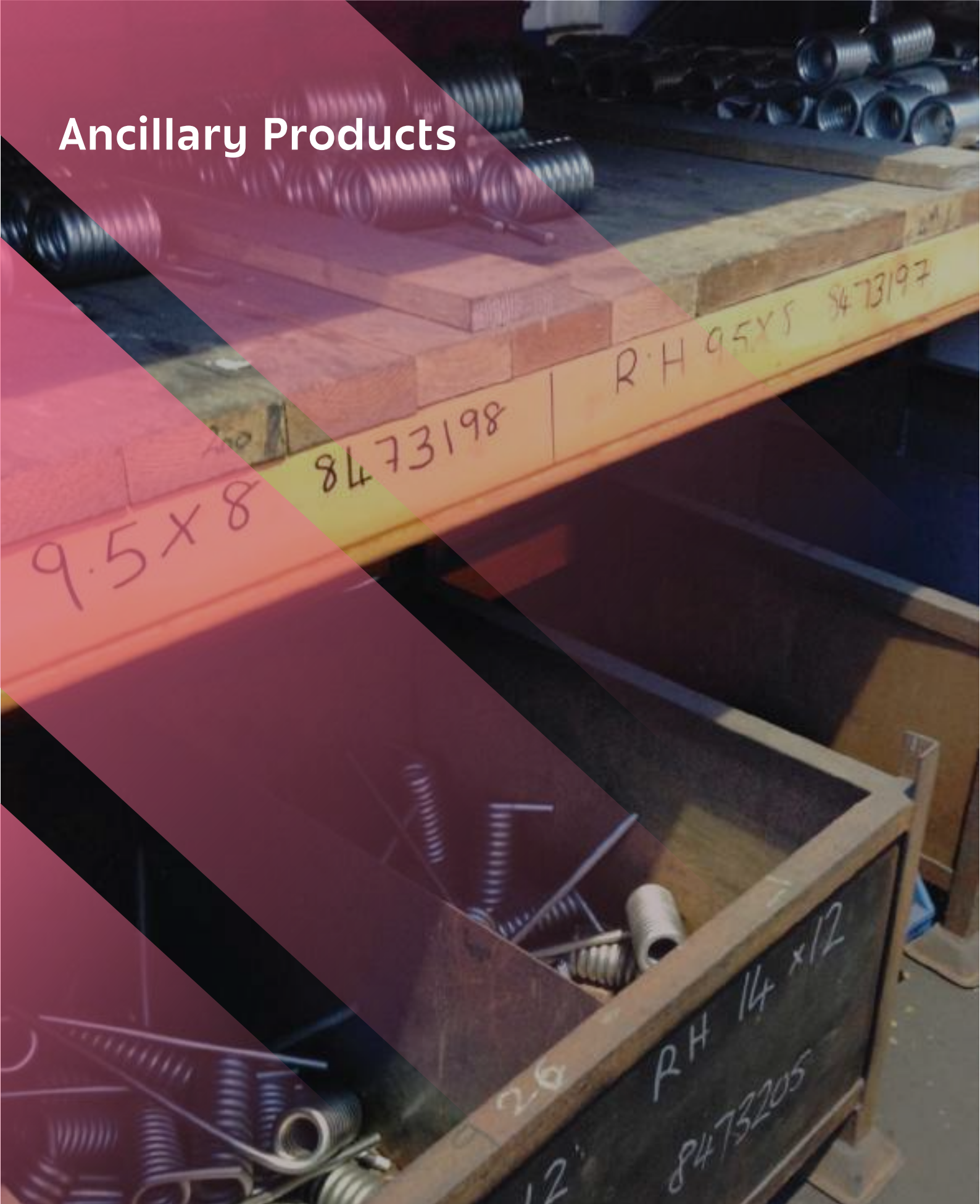
Cover Configurations

HYD - Single



Please contact our sales team for further information on our hydraulic access covers

Ancillary Products



ANCILLARY PRODUCTS

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk



Ref 9753 -
Short T lifting key



Ref 9758B/L -
Long handled lifting key



Ref 9764/L
Long handled Lock&Lift
lifting key



Ref 9758A/L
Long handled hook
lifting key



Ref R8473258
Threaded lifting eye bolt



Ref BSF/KEY -
Fulcrum over-centre
Precinct lifting key

Fixing bits which include lifting keys and installation anchors are also available. Please contact our sales department for more information relating to the specific product chosen.



Ref RS10X2E -
10 x 2mm EPDM
replacement self adhesive
sealing strip to suit
Broadstel with double
rubber seal (10mtrs)



Ref RS22X8N -
22 x 8mm Nitrile
replacement self adhesive
sealing strip to suit Bripave /
Defender / Upstand / Torlift
(10mtrs)



Ref RS22X18E -
22 x 18mm EPDM replacement
self adhesive sealing strip to
suit Bristeel lift out (10mtrs)



Ref RS30X10W -
30 x 10mm WRC approved
self adhesive sealing strip to
suit Sentry (10mtrs)



Ref RS22X8E -
22 x 8mm EPDM
replacement self
adhesive sealing strip to
suit Broadstel (10mtrs)



Ref RMXSS/KEY
Locking allen key

INSTALLATION



STEELWAY

Installation



INSTALLATION

Tel: 0121 521 4500 Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk www.steelway.co.uk



Our Offer

Steelway offer a turnkey, fully contract managed installation service for our complete range of products. We offer installation throughout the whole of the UK, but also offer installation management for our projects overseas.

Our involvement on individual projects can last anywhere between 1 day and 2 years and we have designed, fabricated and installed products up to the value of £2.5 million.

We have an integrated approach to installation which commences from the design stages of a project. This ensures that we undertake safe and efficient installation, whilst minimising time on site.

Our installation offer includes:-

- A full site survey
- Site specific RAMS (Risk And Method Statements)
- All site plant and craneage
- Fully qualified Operations Contract Manager
- Fully qualified Site Supervisor
- Skilled and qualified Operatives
- Site handover document upon completion

Markets

Steelway have the proven ability to install in all types of applications and markets, some of which require specific passports and dedicated security clearance.

These include:-

- Defence establishments
- Airports including air side
- Prisons
- Water utilities
- Gas
- Telecommunications
- Power generation including Nuclear
- Rail
- Commercial & Industrial
- Infrastructure



INSTALLATION

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Installation types

Steelway not only undertake supply and fix installations, but also minor civil's works. Civil's installation is primarily used when installing our access covers and security products, but is not limited to these. We have many years experience in the following areas:-

Removal and disposal of existing products prior to install

Supply & fix only

New concrete pads or plinths

Opening and concreting rebates

Concrete backfill

Minor brick and block works

Making good, plaster and painting

Cable ducting

Minor ground levelling

Slab work

Perimeter fencing

Cost effectiveness

Installation is often an area that is overlooked to gain savings on a scheme. Wherever possible, Steelway design & fabricate products in modules or near complete components. By taking this approach, it allows us to reduce the potentially costly time on site as we are able to undertake the majority of completion in a fully controlled factory environment. It also makes inter-linking with other trades on site easier to manage.

Health & Safety

We have an exemplary health & safety record whilst on-site and during installation. However, as with all areas of our business, Steelway are fully committed to meeting and exceeding stringent health & safety requirements. The Health & Safety of our employees, work colleagues and the public is paramount when undertaking any on-site installation activity. As a minimum, we comply fully with our audited OHSAS 18001 accreditation and job safety procedures and also fully adhere to the requirements of the Construction (Design & Management) Regulations 2015 which came into force on 6th April.

Training & Certification

Abrasive Wheel (Hand Tool)
Asbestos Awareness
Behaviour on Safe Sites
BESC AME (EUSR Power Stations)
CAT & Genny Locator
Confined Spaces
CPC - Drivers road risk JAUP T CRS 4090/383
CPC - Drivers road risk JAUP T CRS 4090/391
CPC - Fire fighting & first aid JAUP T CRS 1909/390
CPC - the law & you JAUP T CRS 5850/383
CPC - Manual handling & customer care JAUP T CRS 0719/383
CSCS
Cranes - Appointed person
Cranes - Lift Supervisor CPCS
Diamond Drilling Rig DD160E
DX Cartridge Tool
Environmental Awareness - Risk
EUSR SHEA Water
EUSR SHEA Gas
Excavator 360-Below 10 Tonnes
Face fit testing
First Aid at Work
Fork Lift Truck
Health & Safety Awareness
Height Safety Appreciation & Inspection
IOSH Managing Safely
JCP Cartridge Tool
Lorry Loader - Hook
LUCAS (London Underground)
Manual Handling
Mini Crawler Cranes
Mobile Alloy Tower Scaffolding (PASMA)
Mobile Elevated Work Platforms (IPAF)
National Water Hygiene Operatives (Blue Card)
Overhead Crane
Performing Manufacturing Operations NVQL2
Personal track Safety (PTS)
Safe use of Cranes - AP
Site Supervisor - Safety (SSSTS)
SHEA Gas
Slinger/Signaller/Mobile Crane NVQL2
Slinger/Signaller – Pendant
Slinger/Signaller – RT-40
Street Works
Telescopic Handler - all sizes exc. 360 slew
Working Safely / Managing Safely
Work Tackle Inspection

INSTALLATION

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Environment

Steelway are fully committed to reducing environmental impacts both in our works and whilst undertaking any installation work on-site. As a minimum, we comply fully with our audited ISO14001 policy. Our experienced installation personnel will undertake an Environmental Action Plan as part of our installation survey, prior to commencement on site. Above and beyond our own action plans we also always fully adhere to the environmental requirements of the principle contractor on the project. To minimise our impact on the environment we:-

- Design our products and solutions to minimise environmental impact
- Minimise packaging during transportation
- Minimise deliveries
- Have a fleet of Euro5 compliant hiab vehicles
- Have a fleet of low emission vans and cars
- Ensure the correct segregation of any waste whilst on site
- Only use recognised and licensed waste recycling and disposal companies to ensure full traceability
- Carry spill kits for use when using liquids or fuels
- Manage the prevention of dust
- Prevent damage to trees and vegetation
- Work within social hours when using noisy machinery
- Attend local community meetings, when required, prior to the work commencing

Accreditations & Certification

As a credible, respected and established installation contractor, Steelway hold the following industry recognised accreditations and certifications. We are fully committed to the Safe Contractor scheme and are audited on a regular basis by Achilles. This continual investment helps us to ensure that all of our installations will exceed your expectations, not only on cost effectiveness and quality, but more importantly will be undertaken safely.

INSTALLATION

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Plant & Equipment

To ensure our installation is undertaken in a timely and cost effective manner, having the right types of plant and machinery suitable for any given task or application is paramount.

Whilst Steelway own a variety of plant, vehicles and machinery, we also hold long standing relationships with companies when specialist or out of the ordinary equipment is required.

This would be items such as heavy craneage or concrete cutting machines. Any equipment owned or hired are fully PAT tested and have the correct certification for use. Generally Steelway have the following available:-

Plant & Equipment

- Full set of PPE
- Full set of hand tools
- Cordless Tools (Battery Operated)
- Impact Driver
- Pistol Drill
- Impact Wrench
- Grinders.
- Corded Tools 110 Volt.
- Pistol Drill
- Impact Wrench
- Magnetic Drill
- SDS Drill
- Grinders 4 1/2" & 9"
- 110 Volt Extension Leads
- Concrete Breaker
- Reciprocating Saw.
- Petrol Generators
- Welders (Hired In)
- Petrol Driven Concrete Cutting Saws
- Concrete Mixers (Petrol) (Hired In)
- Tapping Guns
- Tripod
- Gas Monitors / Detectors
- Bosuns Chair
- Retrieval Winch
- Lowering Winch
- Lifting Equipment
- Mobile Cranes
- Material Lifts (Genie SL 25)
- Mini Cranes
- Chain Blocks
- Tele-Handlers
- Hiab Trucks (Steelway's own)
- Lifting Chains / Slings
- Man-hole Lifters / Seal Splitters
- Electric operated lifting hoists
- Access Equipment
- Scaffold Towers
- Fall Arresters
- Mewps (Mobile Elevating Work Platforms) Scissor's Lift's & Cherry Pickers.
- Harnesses & Lanyards (Carried in Fitters Van as Personal PPE Equipment)
- Lightweight Aluminium Demountable Lifting Gantry's



Brickhouse Lane, West Bromwich
West Midlands, B70 0DYJ Tel: 0121 521 4500
Fax: 0121 521 4551 Email: sales@steelwaybrickhouse.co.uk
www.steelway.co.uk

Steelway is a leading engineering and fabrication company that specialises in the manufacture and installation of steel, aluminium and GRP products.

Our dedicated workforce prides itself on its professionalism and quality finish. We are experts in our field.

For more information, please visit our website www.steelway.co.uk

