

Elkington

Benefits



DURABLE, VERSATILE, ECONOMICAL

Benefits

Innovative in design and manufacture, Elkington provides fabricated metal access covers where technology, aesthetics, performance and economics combine to satisfy all project requirements.

Covers are suitable for use in hard-floor finishes for both internal and external applications and have been designed to protect and provide quick, safe and cost-effective access to underground equipment and services.

Elkington Access Covers bring the following benefits:

Proven Performance

A proven track record and a recognised brand: Established in 1961, Elkington has been supplying access covers for over 50 years. During this time the Elkington brand name has become associated with quality, performance and reliability.

Reassurance: Supply from a reputable European manufacturer avoids any communication or quality issues that may be associated with international producers located further afield.

Competitive Prices & Flexible Approach

Our competitive advantage: Elkington provides customers with total product flexibility whilst maintaining a competitive price.

Competitive:

Modern, fully mechanised and automated production process: This ensures precise quality, very competitive price levels, shorter lead-times for rapid delivery, with consistent and reliable supply. Modern machinery and processes ensure that custom-made products can be manufactured as quickly and easily as standard products, *without any time or cost penalties for the client. Quick delivery will reduce on-site installation times.*

Flexible:

The Elkington range of covers is available in a variety of metals to suit specific markets and project applications;

- Hot-dipped galvanised steel for a durable and economic installation.
- High quality stainless steel and aluminium for improved aesthetics and corrosion resistance.

Customers can choose from a standard range of access covers or bespoke covers custom-manufactured to suit special requirements.

- Covers with 'Standard Features' and 'Special (Bespoke) Dimensions' can be supplied; these have a *minimum order quantity of only one unit.*

- Covers with 'Special Features' (to suit specific customer requirements) and 'Special (Bespoke) Dimensions' can be custom-manufactured; these have a *minimum order quantity of only twenty units*.

'Special features' could include a specific lifting-keyway design and location, plastic inserts for lifting-keyways, alternative cover/frame depth, anti-theft locking devices, security grids, levelling screws, thermal insulation, additional concrete ties or other design feature required by the client.

Elkington can supply small consignments (a single unit, one pallet of covers) through to large volumes of product transported by truck or within 40 foot containers; whilst still maintaining very competitive price levels for all quantities. Transport costs can be provided on request.

Versatile Range

Recessed and solid cover options can be supplied.

A wide range of sizes and load bearing capacities (A15 through to D400) make the system suitable for many project types.

The same range of covers can be provided in any practical dimensions as single units, in continuous runs (Duct/ Trench Covers) or installed over large chambers (Multi-Span Covers).

Special 'Duct (Trench)' or 'Multi-Span' units are available to cover any chamber size or configuration. Multi-Span covers are supplied with a practical cross-beam system (with rigid I-Beam design profile), which provides structural integrity and can be easily removed to allow access to the total chamber area.

High Performance & Practical Design

Elkington lightweight covers are quick and easy to fit and are suitable for discreet installation within a variety of surface finishes including concrete, decorative paving (stone, concrete, marble, granite etc), ceramic tiles, resin flooring and other surfaces. Covers require the surface material to be installed on top of a concrete infill.

The neat edge detail complements the clean, contemporary style of modern buildings and landscape design.

Manufactured from 3mm gauge steel (6mm for D400 covers); Elkington covers are more rigid, strong and durable compared to alternative brands (2mm gauge steel and less).

All covers are supplied with a solid base plate integral to the design of the cover.

The covers are tapered in design to achieve quick, simple and practical removal from the frame.

Covers are anti-slip. Recessed (infill) covers (SEFAC & XPAVE) provide a non-slip surface that is similar to the adjacent areas. SOLID access covers incorporate a raised chequer-plate surface.

The SEFAC and SOLID range as single covers; with innovative frame profile and neoprene single-seal, are gas-tight and water-tight (under normal rainwater conditions) when securely locked into position.

A proven frame design provides an effective key to the adjacent bedding mortar and surface finish material.

Standard bolts used for Keyway Lifting Blocks and/or to secure access covers to frames are heel-proof. All characteristics of the cover are designed with stiletto heels in mind!

Elkington 'SOLID' access covers can be supplied with assist-lift mechanisms where customer preference and/ or Health & Safety regulations specify this requirement. These provide a practical option when there is a need for frequent use. Refer to Elkington GmbH for details.

Multi-Span covers (and sometimes Duct covers) are supplied with a practical cross-beam system (with rigid I-Beam design profile), which provides structural integrity and can be easily removed to allow access to the total chamber area. The removable support beams are ribbed to provide added strength, to suit the specified loading.

The removable beams used in Multi-Span units are supported within Beam Housing Boxes which are installed flush with the chamber side wall, leaving an unrestricted opening when the covers and support beams are removed.

Quality Assurance

Access cover production is carefully monitored at every stage along the manufacturing process.

Galvanised covers are coated in-house for quality control and speed of production. Galvanising is by 'hot-dipped' process in accordance with EN ISO 1461

Access covers are extensively tested by recognised European institutions in accordance with the international standard EN 124. Recessed covers will meet test load, deflection and maximum deformation criteria (as stipulated in EN 124) for load ranges between A15 to D400 when filled with concrete. Test Certificates are available on request.

High-grade steel is used in product manufacture; 3mm gauge with the specification S235 JRG2 in accordance with EN 10025 (available with Certificate 2.2 according to EN 10204).

Stainless steel covers can be supplied in grades AISI 304, 316 and 316L according to project and environmental requirements.

Covers are also available in high-grade AlMg3 aluminium.

Access cover components are laser-cut to precise tolerances. This achieves a high-quality finish, helps to avoid distortions and ensures that covers fit accurately within their frames.

Customer Service & Comprehensive Support

Elkington has an experienced team that provides comprehensive sales, technical and logistical assistance to customers all around the world.

An extensive world-wide distribution network provides close support in the local market.

Stocks of finished product are maintained at the European production facility providing rapid turn-around following order placement. The production lead time for large quantities and/or none-stock items is only two weeks.

Access covers are securely packaged for transport to provide optimal protection against movement and damage.

Covers are supplied with T-Bar Lifting Keys; securely placed within the access cover unit during transport and delivery. Additional mechanised lifting devices can be supplied on request or advice provided regarding a suitable hydraulic lifting mechanism to meet customer and site requirements.

Detailed installation instructions and drawings are available from Elkington and as a download from the website. The company can provide close technical support at all stages of the construction process, to ensure a quick and problem free installation.

Innovation and product development is on-going and customer-driven. Standard products and features have been developed and evolved as solutions to special 'access' requirements from past customers. We aim to make your work quick, simple and cost-effective.

This document has been produced by Elkington GmbH

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