

Heavy-duty steel kerb for edging hard landscapes. Bison is the superior alternative to concrete kerbs.

A steel pin kerb edge restraint used to delineate hard surfaces by creating curves and strong angles. Available in 150mm height and a galvanised steel finish.



Benefits:

- More robust than concrete and won't crack
- Much quicker than concrete to install
- Lightweight – approximately three times lighter than concrete!
- Requires less labour to install giving higher quality edging at no extra cost
- Easy to fit – even if working alone
- Rounded top edge detail for smooth finish with no sharp edges
- Durable and corrosion resistant

Suitable for:

- Bison Kerb is suitable for replacing concrete in civil construction developments including *roads, pavements and other building developments.

*Bison Kerb is not suited for motorways.

Applications

To edge or demarcate asphalt, rubber coating and other hard landscape surfaces. Suitable for parks, playgrounds and around building perimeters. Bison Kerb edging has a high resistance to corrosive conditions in normal environments. It also has a high resistance to heat making it suitable for use with hot asphalt or tarmacadam.

Installation Information¹

By mounting on compacted substrate (e.g. MOT Type 1) using 250mm steel Spiral Fixing Stakes. A bedding layer of dry mix 3:1 sharp sand / cement is recommended to ensure continual support of the edge restraint. When mounting on existing asphalt or concrete, use masonry nails or screw and plug fixings.

Storage & Handling

The product is securely packed onto a wooden splint and sealed in clear plastic sleeving to ensure no movement of the product in transit. Depending on the size / weight of the consignment this may be palletised.

Item code	Edging height	Edging thickness (top fold)	Edging length	Edging foot width	Product Properties	Material	Recycling
181010	150 mm	7 mm	2400 mm	50 mm	Flexible	Galvanised	100% recyclable

Accessories

Item code	Product properties	Pack Qty	Recycling
182010	150mm Connector Plate	15	100% recyclable
102032	Spiral Fixing (10 per 2.4m Length)		100% recyclable

Get in touch to discuss your next project.

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Whilst there is no specific weight restrictions on what is or is not safe to lift in manual handling, an assessment of the health and safety risks should be undertaken and measures taken to reduce the risk of injury so far as reasonably practicable.

The following guidelines may be useful:

- a) Each person should be fully trained in manual handling techniques.
- b) The use of handling aids such as a trolley, folk-lift, pallet truck or conveyor should be used if moving large volumes of cartons.
- c) Break up large consignments into more manageable loads.
- d) Ensure that the product is stored at a reasonable height, so avoiding the lifting of cartons from floor level or above shoulder height.
- e) Reduce carrying distances of cartons.

Protective Equipment

We recommend that PPE (Personal Protective Equipment) is used when installing Contour:

- a) Safety boots/shoes to protect the feet.
- b) Protective eyewear such as safety glasses/goggles.
- c) Gloves suited to handling metal.
- d) If using loud cutting equipment then ear plugs or defenders should be worn.

First Aid

The Health and Safety Regulations 1981 require all construction sites to have the following:

- a) A first aid box with enough equipment to cope with the number of workers on site.
- b) An Appointed Person to take charge of first-aid arrangements. The Appointed Person looks after first aid equipment and facilities and calls the emergency services when required. Appointed Persons do not need first aid training.
- c) A First-Aider who has undertaken training and holds an HSE approved qualification to administer first-aid. This means that they must hold a valid certificate of competence in either:
 - First aid at work (FAW) issued by a training organisation approved by HSE
 - Emergency first aid at work (EFAW) issued by a training organisation approved by HSE
 - A recognised Awarding body of Ofqual/Scottish Qualifications Authority.

d) The number of first-aiders will depend on the site.

e) Information should be clearly displayed on site telling workers the name of the Appointed Person(s) or First Aider(s) and where to find them.

Fire Protection

Bison Kerb edging is made Galvanised Steel, which does not burn or pose a fire hazard.

Stability

Galvanised Steels are high performance materials that display excellent resistance to atmospheric corrosion when compared to other steels, making them exceptionally suitable for landscape edge restraint applications.

Galvanised Steel is manufactured by coating hot-rolled mild carbon steel with a thin layer of zinc. This zinc layer provides a far greater level of protection against the elements than the steel alone and inhibits rust formation.

Environmental Issues

Bison Kerb is manufactured from Galvanised Steel and is 100% recyclable. As a result the whole life cost of Bison Kerb steel edging is excellent as it is sold for recycling not paid disposal. The principal element used in the production of steel is iron, which is second only to aluminium in terms of natural abundance in the Earth's crust. At current extraction rates there is enough iron to last another 1000+ years.

Supporting Documents

More information on the Kinley edging products can be found at www.kinley.co.uk in the Resource Centre. In particular, look for the CAD Drawings, Installation Guide and Edging Book.

1. The Installation Information given in this document is intended as a guide only. We recommend that professional opinions are obtained before work is commissioned. ExcelEdge accepts no responsibility for any damage or loss as a result of using the Installation Information. We will be happy to engage in any discussion with regard to specific project applications.

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