

# URBAN

Strong steel edging for soft and hard, high traffic landscapes.




Heavy duty steel edge for hard or soft landscaping applications available in various thicknesses and three different finishes: CorTen A (C), Galvanised (G) and Untreated (U). Powder coating finishes available upon request.

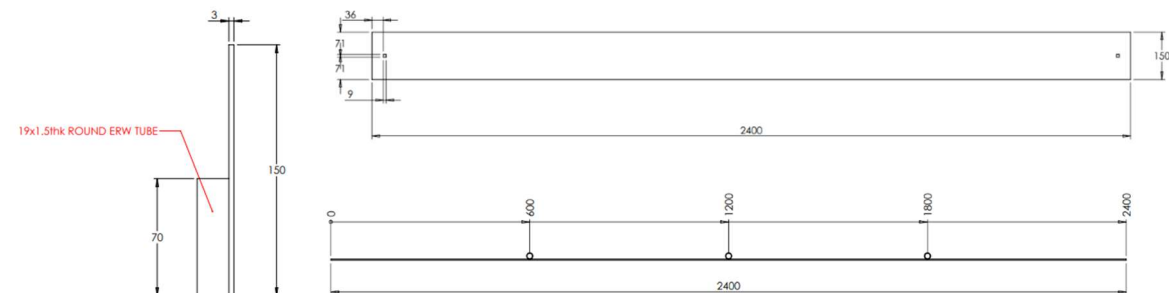


SCAN HERE

- Flexible design creates bespoke curves
- Strong form and highly corrosion resistant
- Seamless fixings and connections
- Made from sustainable materials and 100% recyclable

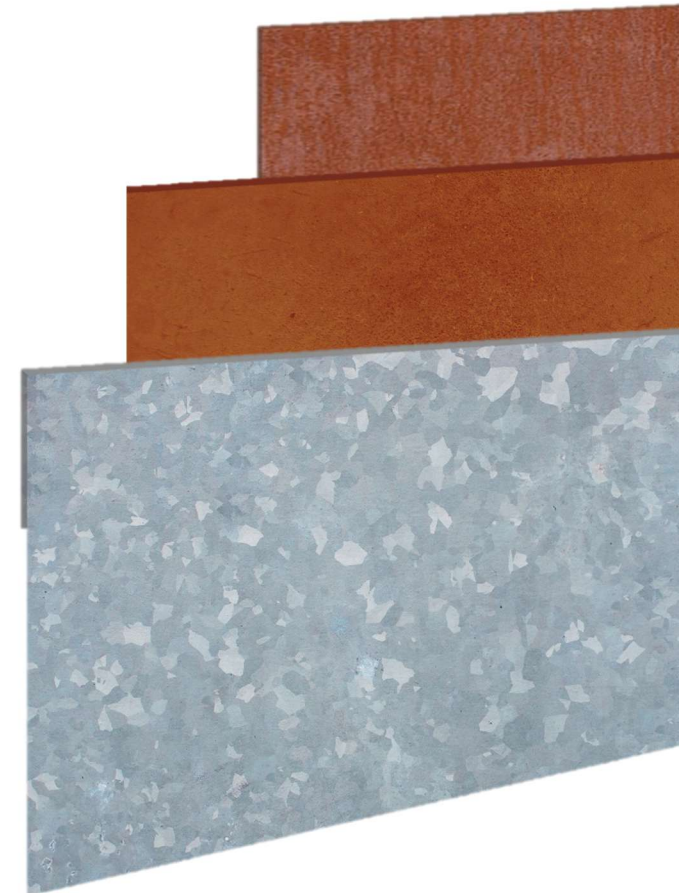


<b>C</b> Corten	<b>MF</b> Mill Finish	<b>G</b> Galvanised
<b>G</b> Ground	 Pedestrian Use	 Light Traffic
		 Commercial Traffic <i>*6mm thickness only</i>



# Specification

Product Type	Heavy-duty steel edging for hard & soft landscaping
Manufactured to Product Type	Designed and Manufactured in the UK BS EN 9001
Edging Finish	CorTen A, Galvanised, Untreated ( <i>Powder Coating available on request</i> )
Edging Heights	100mm, 150mm, 200mm, 250mm, 300mm
Edging Thickness (top bead)	3mm or 6mm
Edging Length	2400mm
Fixings	450mm Fixing Stakes, Connector Brackets, Bolts, Washers, Nuts
Tightest radius by hand	3mm thickness = 3000mm / 6mm thickness = 5000mm
Tightest radius in factory	500mm all heights
Applications	Hard landscape edging, demarcation, parks, playgrounds, driveways, public paths; suitable for hot asphalt & tarmac
Durability	Highly corrosion resistant (Corten, Galvanised, Powder Coat); withstands hot asphalt
Fire Resistance	Class 1A
Recycled Content	100% recyclable steel
Environmental Impact	Made from sustainable steel; low whole-life cost as steel can be recycled rather than disposed of
Installation	Install with 450mm stakes; concrete haunching recommended for heavy duty or hot lay
Packaging	Packed on pallets
Carbon Footprint	Lowered by use of recyclable steel and long lifespan







## Urban

Urban aluminium L-profile edging is a durable edge restraint designed for hard landscape surfaces.

Available in both Flexible and Rigid formats, with a choice of modular heights and thicknesses to suit a wide range of applications.

## Benefits:

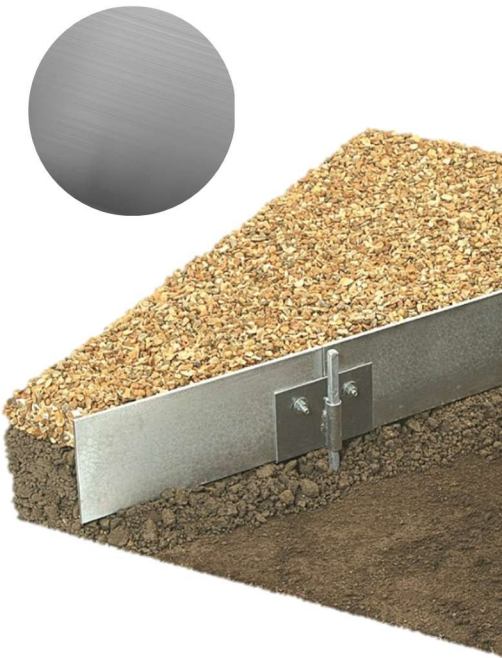
- Flexible design creates bespoke curves
- Strong form and highly corrosion resistant for high traffic landscapes
- Seamless fixings and connections
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## Suitable for:

- Pathways
- Public realm
- Driveways
- Recreational areas
- Fine lawns
- Commercial zones

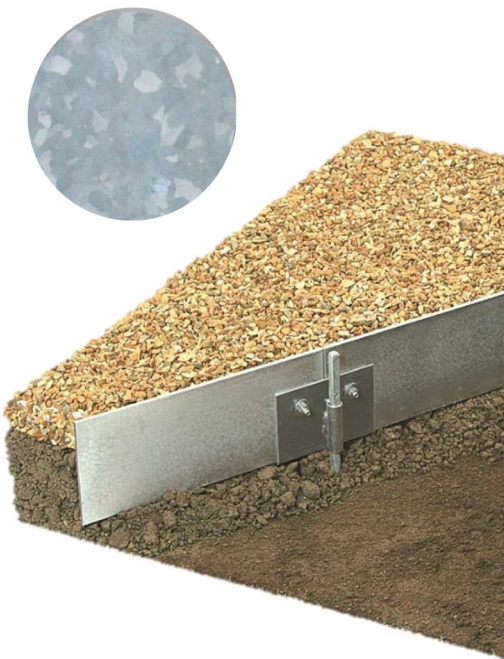
Stock

Finish	Edging height (mm)	Thickness	Edging Length (mm)	Weight (kg)	Item Code
Untreated	100mm	3mm	2400mm	5.67kg	UB2ORIG100T030L2400S
		6mm		11.47kg	UB2ORIG100T060L2400S
	150mm	3mm		8.5kg	UB2ORIG150T030L2400S
		6mm		17.2kg	UB2ORIG150T060L2400S
	200mm	3mm		11.34kg	UB2ORIG200T030L2400S
		6mm		22.94kg	UB2ORIG200T060L2400S
	250mm	3mm		14.17kg	UB2ORIG250T030L2400S
		6mm		28.67kg	UB2ORIG250T060L2400S
	300mm	3mm		17.01kg	UB2ORIG300T030L2400S
		6mm		34.41kg	UB2ORIG300T060L2400S



Stock

Finish	Edging height (mm)	Thickness	Edging Length (mm)	Weight (kg)	Item Code
Galvanised	100mm	3mm	2400mm	5.67kg	UB30RIG100T030L2400S
		6mm		11.47kg	UB30RIG100T060L2400S
	150mm	3mm		8.5kg	UB30RIG150T030L2400S
		6mm		17.2kg	UB30RIG150T060L2400S
	200mm	3mm		11.34kg	UB30RIG200T030L2400S
		6mm		22.94kg	UB30RIG200T060L2400S
	250mm	3mm		14.17kg	UB30RIG250T030L2400S
		6mm		28.67kg	UB30RIG250T060L2400S
	300mm	3mm		17.01kg	UB30RIG300T030L2400S
		6mm		34.41kg	UB30RIG300T060L2400S



Stock

Finish	Edging height (mm)	Thickness	Edging Length (mm)	Weight (kg)	Item Code
CorTen	100mm	3mm	2400m	5.67kg	UB4ORIG100T030L2400S
		6mm		11.47kg	UB4ORIG100T060L2400S
	150mm	3mm		8.5kg	UB4ORIG150T030L2400S
		6mm		17.2kg	UB4ORIG150T060L2400S
	200mm	3mm		11.34kg	UB4ORIG200T030L2400S
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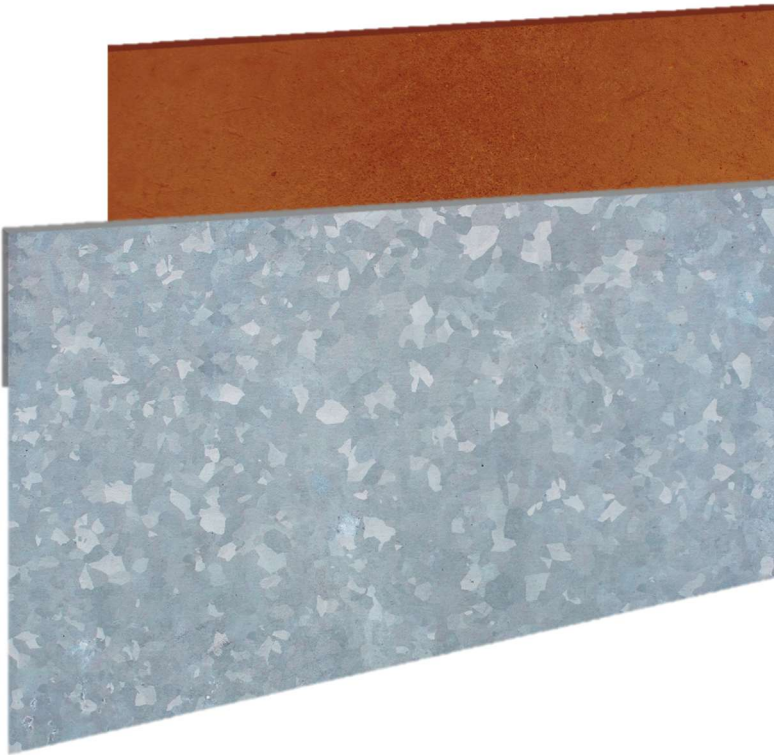
Accessories

\*x1 connector required per length

Finish	Product Description	Pack Qty	Weight (kg)	Item Code
Galvanised	Urban Steel Connector 3mm x 75mm	5	1.5kg	UB30CON075T030L0000S
	Urban Steel Connector 6mm x 75mm		3kg	UB30CON100T060L0000S
	Urban Steel Connector 3mm x 100mm		2.5kg	UB30CON100T030L0000S
	Urban Steel Connector 6mm x 100mm		4kg	UB30CON100T060L0000S
	Urban Steel Connector 3mm x 150mm		3.5kg	UB30CON150T030L0000S
	Urban Steel Connector 6mm x 150mm		5kg	UB30CON150T060L0000S
	Urban Steel Connector 6mm x 200mm		8kg	UB30CON200T060L0000S

Finish	Product Description	Pack Qty	Weight (kg)	Item Code
Untreated	Urban Steel Connector 3mm x 75mm	5	1.5kg	UB20CON075T030L0000S
	Urban Steel Connector 6mm x 75mm		3kg	UB20CON075T060L0000S
	Urban Steel Connector 3mm x 100mm		2.5kg	UB20CON100T030L0000S
	Urban Steel Connector 6mm x 100mm		4kg	UB20CON100T060L0000S
	Urban Steel Connector 3mm x 150mm		3.5kg	UB20CON150T030L0000S
	Urban Steel Connector 6mm x 150mm		5kg	UB20CON150T060L0000S
	Urban Steel Connector 6mm x 200mm		8kg	UB20CON200T060L0000S

Finish	Product Description	Pack Qty	Qty required per length	Item Code
Rebar	Rebar fixing stakes	20	4	UB20FIX450T000L0000S
Zinc	Fixing Kit	20	2 of each	UB80FIX025T000L0000S
Untreated		20	2 of each	UB20FIX025T000L0000S



# Product & Installation Guide

## Tools Required

- Mallet
- Hacksaw / Angle Grinder
- Level
- Tape Measure
- Spray Paint
- String Light
- Shovel / Spade

## Fixings

- 450mm Rebar Fixing Stake
- Connector Bracket
- MB Hex Bolt
- MB Penny Washer
- MB Flange Nut



## 1. Set-out

Urban can be installed onto sub grade as well as soil. Mark out (we recommend using stringline) the area where you want the edging to sit. Either compact the sub-grade or if using soil dig a shallow trench.

A concrete haunch may be required in certain instances. Please call our technical team if you have any queries.

## 2. Laying the edging

Lay the edging in place and fix through the welded tubes with the Fixing Stakes provided. Use these Stakes to create an anchor point if you need to flex the product to a curve.

Ensure that the welded tubes and connectors are on the side of the edging that is least likely to be seen once installation is complete.

## 3. Connecting the edging

Connect each edging length with the Connector Bracket provided. Each connector is to be the same height as the edging height – rebar stakes to be installed through welded tubes.

## 4. Laying surfaces

Lay final surface. Backfill behind edging or lay additional hard surface as required.

## 5. Hot lay surfacing

Compact surfacing with roller. Ensure first pass with roller is 50mm clear of Urban edging, with vibrating function turned off.

Final pass should be made as close to the edge as possible.

On the final wearing course, and where applicable, roller should be run over edge of Urban edging to ensure full compaction and a neat finish.

Concrete haunching recommended for heavy duty or hot lay install, particularly forming straight lines.

## Handling & Hazards



### CORNERS & EDGES

Wear gloves



**BE SAFE!** Wear gloves high visibility clothing, hard hats and any other PPE



**HEAVY SEGMENTS!** Requires two persons to lift each segment – or mechanical lifting device.



**HEAVY ITEMS!** Wear steel toe protection

### DISCLAIMER

These instructions are for guidance only and the installer is responsible to use their discretion to install the products in the best possible way for their respective application. Kinley Systems will not be held liable for product failure or poor performance because of poor quality installation. If any errors are found in this guide, please email us at [sales@kinley.co.uk](mailto:sales@kinley.co.uk)

### SUPPORTING DOCUMENTS

More information on the Urban edging products can be found at [www.kinley.co.uk](http://www.kinley.co.uk) in the Resource Centre.



# Product & Installation Guide

## Applications

To edge or demarcate most hard landscape surfaces. Also serves as a soft landscape edge restraint. Suitable for parks, playgrounds and around building perimeters. Urban 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 information

Hard Landscape: By haunching the edging in a reasonably dry mix 3:1 sharp sand / cement. Secure using 450mm Fixing Pins.

Soft Landscape: By mounting the edging on compacted subsoil using 450mm Fixing Pins and backfilling with landscape surfacing. If required, intermediate supports such as small slabs or bricks can be inserted under the edging approximately every 1.5m.

## Storage & Handling

The product is securely packed onto a wooden pallet 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.

Whilst there are 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:

Each person should be fully trained in manual handling techniques.

The use of handling aids such as a trolley, folk-lift, pallet truck or conveyor should be used if moving large volumes of cartons.

Break up large consignments into more manageable loads.

Ensure that the product is stored at a reasonable height, so avoiding the lifting of cartons from floor level or above shoulder height.

Reduce carrying distances of cartons.

## Fire Protection

Urban edging is made using Corten A, Galvanised, Powder Coated or Untreated Steel, none of which burn nor pose a fire hazard.

## The following guidelines may be useful:

Each person should be fully trained in manual handling techniques.

The use of handling aids such as a trolley, folk-lift, pallet truck or conveyor should be used if moving large volumes of cartons.

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Ensure that the product is stored at a reasonable height, so avoiding the lifting of cartons from floor level or above shoulder height.

Reduce carrying distances of cartons.

## Protective Equipment

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

Good strong safety boots/shoes to protect the feet.

Protective eyewear such as safety glasses.

Strong gloves to protect the hands.

If using loud cutting equipment, ear plugs or defenders should be worn.

## First Aid

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

A first aid box with enough equipment to cope with the number of workers on site.

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.

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.

The number of first aiders will depend on the site.

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.

# Product & Installation Guide

## Environmental Issues

Urban is manufactured from either Corten A, Galvanised, or Untreated Steel and is 100% recyclable. As a result, the whole life cost of steel Urban 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 Urban products can be found at [www.kinley.co.uk](http://www.kinley.co.uk) in the Resource Centre. Look for the CAD Drawings, Installation Guide and Edging Book.

