SCAN HERE

ROOFEDGE

L shaped profile steel edge restraint for roof terraces or green roof applications

L profile steel edge restraint for roof terrace or green roof applications available in rigid lengths in various heights and thicknesses.

- Lightweight and robust
- Versatile
- Vertical slots to allow lateral drainage

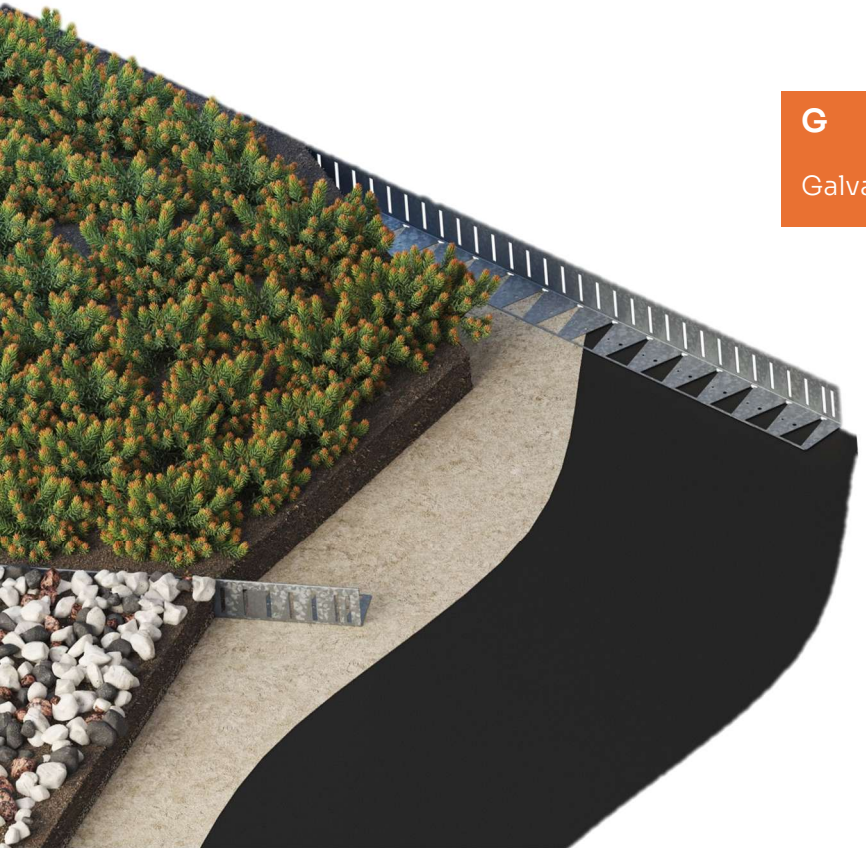
NBS Source PARTNER

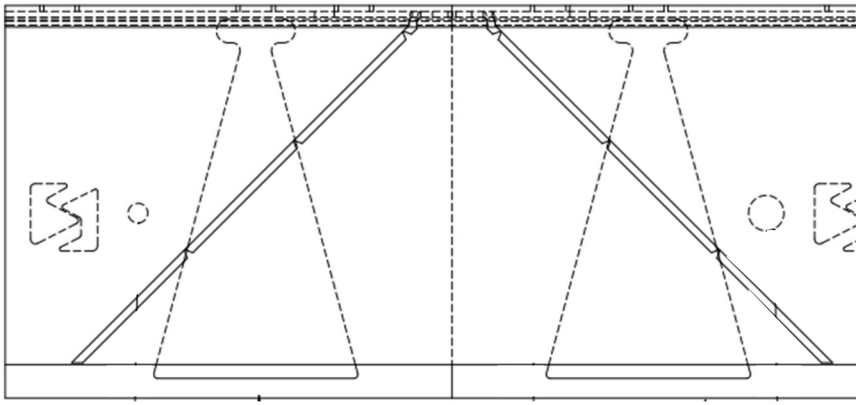
MADE IN BRITAIN

G Galvanised

R Roof

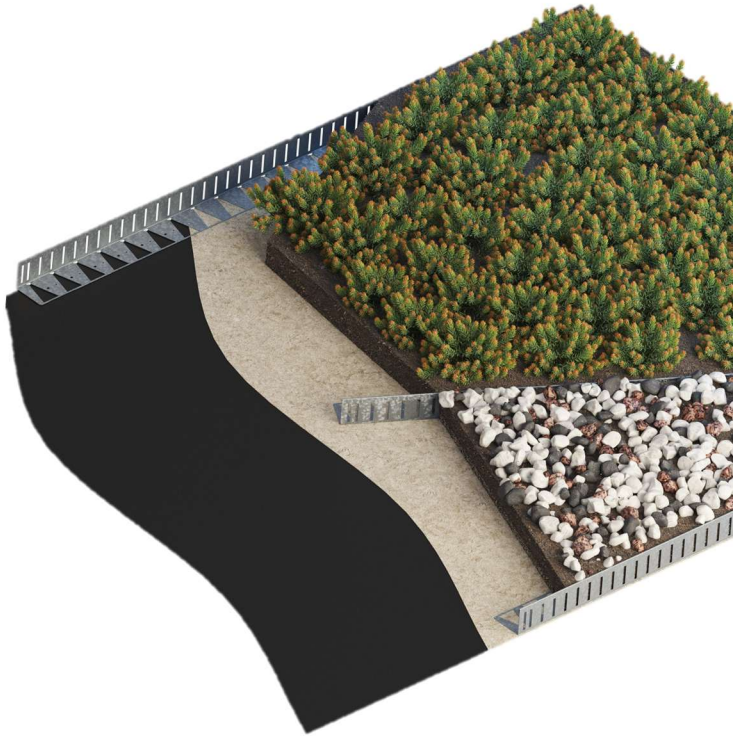
Pedestrian Use





Specification

Product Type	Premium steel edging for rooftop spaces
Manufactured to Product Type	Designed and Manufactured in the UK BS EN 9001
Edging Finish	Galvanised, Untreated, CorTen (power-coating finishes available upon request
Edging Heights	50mm, 75mm, 100mm, 150mm, 200mm, 250mm
Edging Length	2400mm
Fixing Stake Length	Not applicable
Chamfer / Profile	L-profile steel edging with vertical slots for lateral drainage
Fixings	Strip connectors
Preform Corners	90˚
Minimum radius by hand	Rigid lengths; not flexible
Minimum radius in factory	Rigid lengths; not flexible
Applications	To edge or demarcate grass, planting, ballast, and roof garden materials; suitable for green roof and roof terrace projects (residential or commercial)
Durability	High performance; excellent resistance to atmospheric corrosion (Corten and Galvanised steel)
Fire Resistance	Class 1A
Recycled Content	100% recyclable
Environmental Impact	Manufactured from steel (Corten A or Galvanised); low whole-life cost; recyclable with no disposal fees
Installation	Can be loose-laid (ballasted) or bonded to roofing membrane using proprietary adhesive or torch-on weld
Stability	Exceptional corrosion resistance; Corten forms protective oxidation layer; Galvanised steel protected by zinc coating
Packaging	Packed in single flute cardboard boxes; palletised where required
Carbon Footprint	Reduced through recyclable steel materials and long lifespan

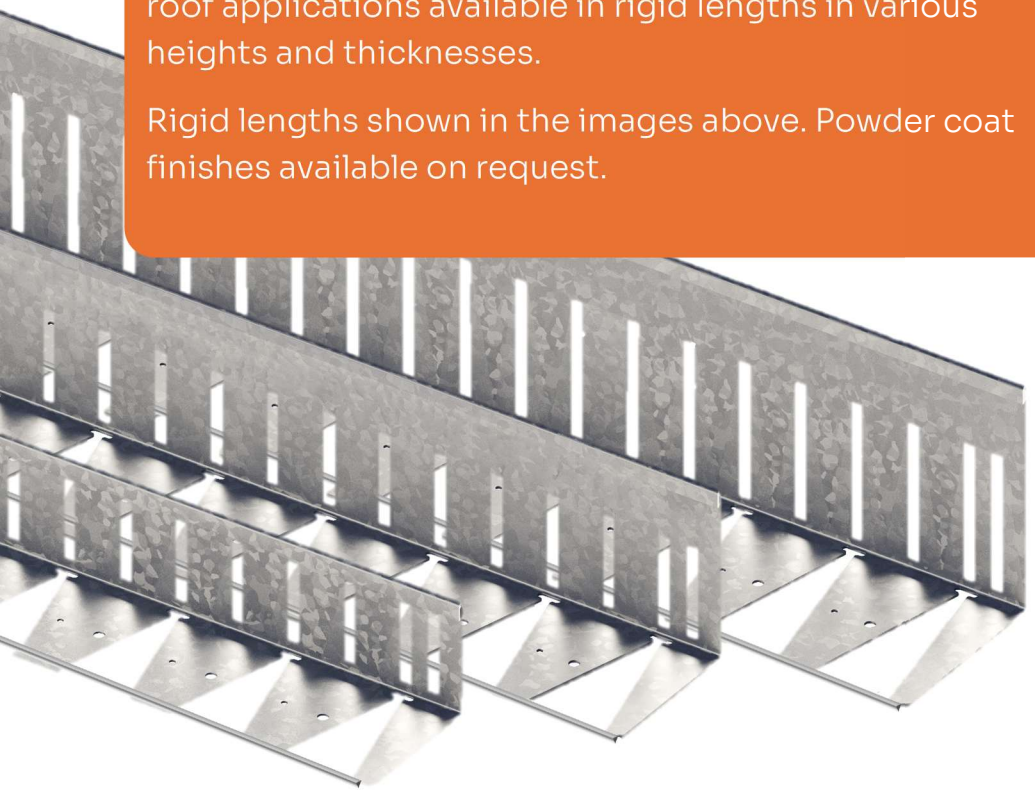


Westpoint, Compass Park, Robertsbridge, East Sussex, TN32 5BS
t: +44 1580 830688 e: sales@kinley.co.uk kinley.co.uk

RoofEdge

L profile steel edge restraint for roof terrace or green roof applications available in rigid lengths in various heights and thicknesses.

Rigid lengths shown in the images above. Powder coat finishes available on request.



Benefits:

- Lightweight and robust
- Versatile
- Vertical slots allow lateral drainage
- Simple and quick to install

Suitable for:

- Green roof projects on residential or commercial projects

Westpoint, Compass Park, Robertsbridge, East Sussex, TN32 5BS
t: +44 1580 830688 e: sales@kinley.co.uk kinley.co.uk

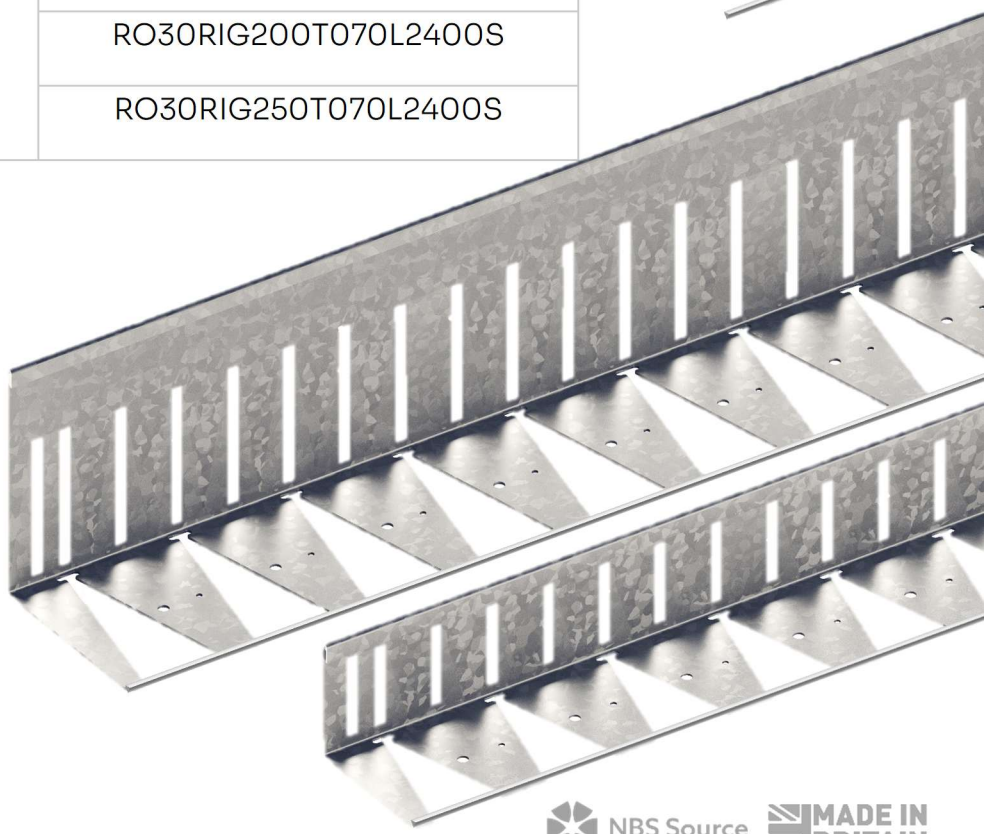
Stock

**Powder coating options available to order*

Edging Height	Edging length	Edging thickness top fold	Weight (kg)	Finish	Recycled Content	Item Code
50mm	2400mm	7mm	3.5kg	Galvanised	100%	RO30RIG050T070L2400S
75mm			4.6kg			RO30RIG075T070L2400S
100mm			6.3kg			RO30RIG100T070L2400S
150mm			8kg			RO30RIG150T070L2400S
200mm			10kg			RO30RIG200T070L2400S
250mm			12.5kg			RO30RIG250T070L2400S

Edging Height	Weight (kg)	Connectors required (pack of 5)
50mm	2.5kg	RO30CON050T070L0000S
75mm	3kg	RO30CON075T070L0000S
100mm	3.5kg	RO30CON100T070L0000S
150mm	4.5kg	RO30CON150T070L0000S
200mm	6kg	RO30CON200T070L0000S
250mm	7kg	RO30CON250T070L0000S

**1 connector required per length*



Westpoint, Compass Park, Robertsbridge, East Sussex, TN32 5BS
t: +44 1580 830688 e: sales@kinley.co.uk kinley.co.uk

Stock

Edging Height	Edging length	Edging thickness top fold	Weight (kg)	Finish	Recycled Content	Item Code
50mm	2400mm	7mm	3.5kg	Untreated	100%	RO20RIG050T070L2400S
75mm			4.6kg			RO20RIG075T070L2400S
100mm			6.3kg			RO20RIG100T070L2400S
150mm			8kg			RO20RIG150T070L2400S
200mm			10kg			RO20RIG200T070L2400S
250mm			12.5kg			RO20RIG250T070L2400S

Edging Height	Edging length	Edging thickness top fold	Weight (kg)	Finish	Recycled Content	Item Code
50mm	2400mm	7mm	3.5kg	CorTen	100%	RO40RIG050T070L2400S
75mm			4.6kg			RO40RIG075T070L2400S
100mm			6.3kg			RO40RIG100T070L2400S
150mm			8kg			RO40RIG150T070L2400S
200mm			10kg			RO40RIG200T070L2400S
250mm			12.5kg			RO40RIG250T070L2400S

Westpoint, Compass Park, Robertsbridge, East Sussex, TN32 5BS
t: +44 1580 830688 e: sales@kinley.co.uk kinley.co.uk

Product & Installation Guide

Tools Required

- Hacksaw / Tinsnips
- Level
- Tape measure
- String line

Fixings Included

- Strip Connector / Fixing Plate

1. Set out

Ballast method

This product can simply be loose laid on the roofing membrane. The product is designed with a wide foot width so that once the ballast or sedum blanket is laid, the weight will hold the product in place.

Bonding method

The product can be bonded to the roofing membrane using a proprietary roofing adhesive (e.g. hot bitumen)

2. Cutting or forming the edging

Cut the edging to size if required using a hacksaw

3. Connecting the edging

Use the Strip Connector to connect each length. Slide halfway into channel on inside of the edge restraint and connect with other length; leave a 2mm expansion gap.

4. Creating corners

Cut the foot out to allow for the folding. To save time the edging can be placed over a square of timber and bent around the 90-degree edge. Use a rubber mallet to finish

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**

SUPPORTING DOCUMENTS

More information on the RoofEdge products can be found at www.kinley.co.uk in the Resource Centre.

Westpoint, Compass Park, Robertsbridge, East Sussex, TN32 5BS
t: +44 1580 830688 e: sales@kinley.co.uk kinley.co.uk

Product & Installation Guide

Applications

To edge or demarcate grass, planting, ballast and any other roof garden materials. Suitable for most green roof and roof terrace projects on residential or commercial buildings

Installation information

By installing the edge free-standing (weighed down by surface material) or bonding to membrane using a proprietary roofing adhesive (e.g. hot bitumen) or conventional torch-on membrane weld. Get in touch to discuss your next project

Storage & Handling

The product is securely packed in a cardboard box to ensure no movement of the product in transit and each carton is sealed with tape. 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.

Fire Protection

RoofEdge is made using steel which does not burn and is not a fire hazard

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 RoofEdge

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.

Westpoint, Compass Park, Robertsbridge, East Sussex, TN32 5BS
t: +44 1580 830688 e: sales@kinley.co.uk kinley.co.uk

Product & Installation Guide

Stability

Corten A and Galvanised Steel 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. Corten A is a type of weathering steel which was developed to remove the need for regular painting and rust-prevention maintenance. This is achieved by the formation of a natural stable coating of dark brown oxidation across the metal's surface which acts as a barrier to the corrosive effects of rain, snow and other weather conditions.

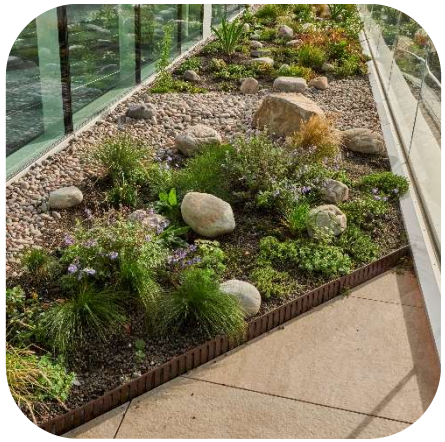
Galvanised Steel is manufactured by coating hot-rolled mild carbon steel with a thin layer of zinc. This zinc layer provides a far greater level of protection against the elements than the steel alone and inhibits rust formation.

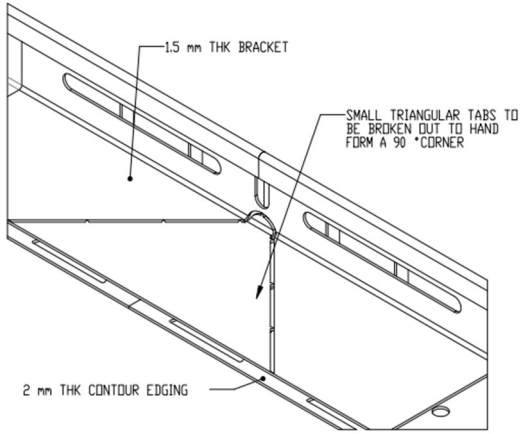
Environmental Issues

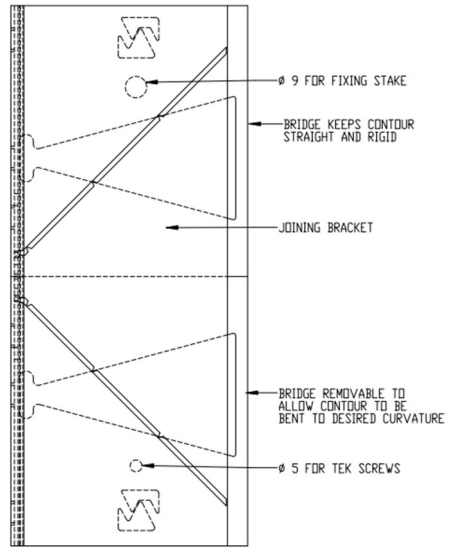
RoofEdge is manufactured from either Corten A or Galvanised Steel and is 100% recyclable. As a result, the whole life cost of steel Fort edging is excellent as it is sold for recycling not paid disposal. The principal element used in the production of steel is iron, which is second only to aluminium 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 RoofEdge products can be found at www.kinley.co.uk in the Resource Centre. Look for the CAD Drawings, Installation Guide and Edging Book.







PLAN - CURVED & STRAIGHT
SCALE 1:1.5

Westpoint, Compass Park, Robertsbridge, East Sussex, TN32 5BS
t: +44 1580 830688 e: sales@kinley.co.uk kinley.co.uk