



Product & Installation Guide

RoofEdge

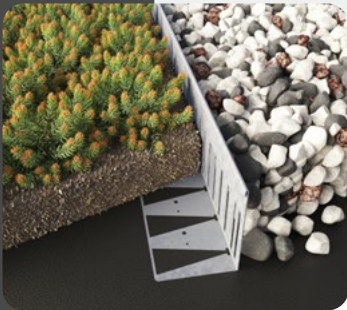
L profile steel edge restraint for
roof terrace or green roof applications



RoofEdge

L profile steel edge restraint for roof terrace 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. 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.

					
Edging Height	50 mm	75 mm	100 mm	150 mm	200 mm
Product Code	125010	125011	125012	125013	125014
Edging Length	2400 mm				
Available finishes	Galvanised finish, Corten and Powder Coated options available to order.				
Recycled content	100% recyclable				

Tools Required

- ✓ Hacksaw / tinsnips
- ✓ Level
- ✓ Tape measure
- ✓ String line

Fixings included

- ✓ Strip Connector

1 Laying the edging

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.



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 and hazards



SHARP CORNERS AND EDGES!

Wear gloves



BE SAFE!

Wear high visibility clothing, hard hats, and any other PPE required on site.

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 as a result 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 Premium products can be found at www.kinley.co.uk in the Resource Centre. In particular, look for the CAD Drawings, Data Sheet (DS-ARP-0616) and the Edging Book (BR-EB-0116).

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 information¹

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 single flute cardboard carton to ensure no movement of the product in transit and each carton is sealed with a fibre tape. Depending on the size / weight of the consignment this may be palletised.

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 RoofEdge:

- a) Good strong safety boots/shoes to protect the feet.
- b) Protective eyewear such as safety glasses.
- c) Strong gloves to protect the hands.
- 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

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

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. In particular, look for the CAD Drawings, Installation Guide and Edging Book