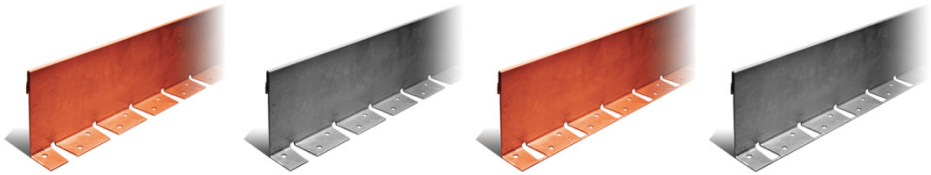
INSPIRED PLACES MADE POSSIBLE

Contour Heavy Duty Steel Angle Edging

	Product Properties	CO3FC/FG	CO3RC/RG	CO6FC/FG	CO6RC/RG
Dimensions	Edging height	150mm	150mm	150mm	150mm
	Edging thickness (top fold)	3mm	3mm	6mm	6mm
	Edging length	2500mm	2500mm	2500mm	2500mm
	Edging foot width	50mm	50mm	50mm	50mm
	Fixing stake length	250mm	250mm	250mm	250mm
Other	Type	Flexible	Rigid	Flexible	Rigid
	Material specification: steel	Corten A, Galvanised	Corten A, Galvanised	Corten A, Galvanised	Corten A, Galvanised
	Recycling	100% recyclable			

Product CO3 shown below in flexible and rigid form in the two available types of steel.



CO3FC Flexible Corten A | CO3FG Flexible Galvanised | CO3RC Rigid Corten A | CO3RG Rigid Galvanised

Description

L-profile rolled-top steel edge restraint for hard landscape surfaces available in either Flexible (F) or Rigid (R) lengths in various heights and thicknesses and two different types of steel: Corten A (C) and Galvanised (G). Powder coat finishes available on request.

Applications

To edge or demarcate asphalt, rubber coating and other hard landscape surfaces. Suitable for parks, playgrounds and around building perimeters. Contour 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[1]

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.

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.

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Protective Equipment

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

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

Contour edging is made using Corten A or Galvanised Steel, neither of which burn nor pose 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

Contour is manufactured from either Corten A or Galvanised Steel and is 100% recyclable. As a result the whole life cost of steel Contour 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 Contour products can be found at www.kinley.co.uk in the Resource Centre. In particular, look for the CAD Drawings, Installation Guide (IG-CT-0116) and Brochure (BR-EB-0116).

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. Kinley Systems Ltd 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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