

FORT

L-Profile roll-topped steel edging

Strong, robust roll-topped steel edging for hard landscapes. Turn a standard public realm into a remarkable landscape.



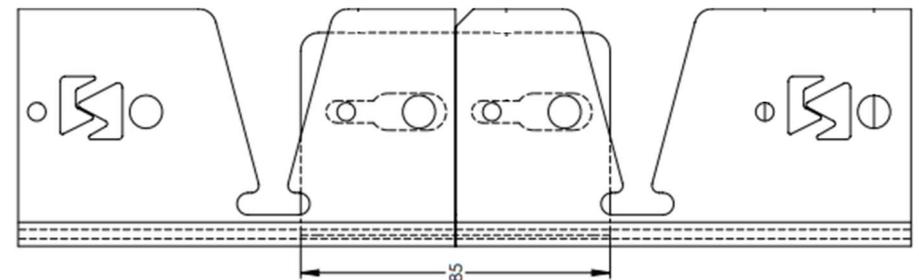
- Ideal for high traffic hard landscapes
- Strong and durable for longevity
- Flexible and Rigid to create seamless curves and sharp angles
- Durable and corrosion resistant



SCAN HERE



C Corten	U Untreated	G Galvanised
G Ground	 Pedestrian Use	 Light Traffic



Specification

Product Type	L-profile roll-topped steel edge restraint
Manufactured to Product Type	Designed and Manufactured in the UK BS EN 9001
Edging Finish	CorTen, Untreated, Galvanised and Power-Coating
Edging Heights	50mm, 75mm, 100mm, 150mm, 200mm
Edging Thickness (top bead)	7mm edging thickness from top fold
Edging Length	2400mm
Spiral Spike Fixing Stake Length	250mm
Chamfer	Rolled/folded top edge for rigidity, safety, and aesthetics
Fixings	250mm spiral spike fixing stakes
Tightest radius by hand	1500mm
Tightest radius in factory	550mm
Preformed Corners	90°
Applications	Edging or demarcating asphalt, rubber coating, resin, or paving; suitable for parks, playgrounds, and around building perimeters; can be used with hot asphalt and tarmacadam
Durability	High corrosion resistance
Fire Resistance	Class 1A
Recycled Content	100% recyclable steel
Environmental Impact	Made from sustainable steel; low whole-life cost as material can be recycled indefinitely
Installation	Mounted on compacted substrate using 250mm spiral fixing stakes; assembled on-site with strip connectors; dry mix bedding layer recommended
Stability	Strong folded edge design; resistant to impact, weathering, and corrosion; materials have natural rust-prevention coatings
Packaging	Securely packed into boxes on wooden pallets
Carbon Footprint	Lowered through recyclable materials and long design life





Fort

L-profile roll-topped steel edge restraint for hard landscape surfaces



Benefits:

- Ideal for high traffic hard landscape surfaces
- Strong and durable for longevity
- Flexible and rigid options to create inspirational curves and sharp angles
- Create various contemporary looks with powder coating
- Durable and corrosion resistant
- Flawless finish from sliding connection plate with no overlap

Suitable for:

- Delineating hard surfaces, such as asphalt, tarmac, rubber coating, resin and paving.
- High traffic spaces, such as parks, playgrounds and around building perimeters.
- Suitable for use with hot asphalt and tarmac.
- Housing Developments

Stock – Standard Top Fold

Fort 50mm

**Powder coating options available to order*

Finish	Edging thickness (top fold)	Edging Length	Edging Foot Width	Product Properties	Weight (kg)	Recyclable	Item Code
Galvanised	7mm	2400mm	60mm	Flexible	2.3kg	100%	FT30FLE050T020L2400S
				Rigid			FT30RIG050T020L2400S
Untreated				Flexible			FT20FLE050T020L2400S
				Rigid			FT20RIG050T020L2400S
CorTen A				Flexible			FT40FLE050T020L2400S
				Rigid			FT40RIG050T020L2400S
Powder Coated*				Flexible			FT60FLE050T020L2400S
				Rigid			FT60RIG050T020L2400S

Fort 75mm

Finish	Edging thickness (top fold)	Edging Length	Edging Foot Width	Product Properties	Weight (kg)	Recyclable	Item Code
Galvanised	7mm	2400mm	60mm	Flexible	4.6kg	100%	FT30FLE075T020L2400S
				Rigid			FT30RIG075T020L2400S
Untreated				Flexible			FT20FLE075T020L2400S
				Rigid			FT20RIG075T020L2400S
CorTen A				Flexible			FT40FLE075T020L2400S
				Rigid			FT40RIG075T020L2400S
Powder Coated*				Flexible			FT60FLE075T020L2400S
				Rigid			FT60RIG075T020L2400S



Stock – Standard Top Fold

Fort 100mm

Finish	Edging thickness (top fold)	Edging Length	Edging Foot Width	Product Properties	Weight (kg)	Recyclable	Item Code
Galvanised	7mm	2400mm	60mm	Flexible	6.3kg	100%	FT30FLE100T020L2400S
				Rigid			FT30RIG100T020L2400S
Untreated				Flexible			FT20FLE100T020L2400S
				Rigid			FT20RIG100T020L2400S
CorTen A				Flexible			FT40FLE100T020L2400S
				Rigid			FT40RIG100T020L2400S
Powder Coated*				Flexible			FT60FLE100T020L2400S
				Rigid			FT60RIG100T020L2400S

Fort 150mm

Finish	Edging thickness (top fold)	Edging Length	Edging Foot Width	Product Properties	Weight (kg)	Recyclable	Item Code
Galvanised	7mm	2400mm	60mm	Flexible	8kg	100%	FT30FLE150T020L2400S
				Rigid			FT30RIG150T020L2400S
Untreated				Flexible			FT20FLE150T020L2400S
				Rigid			FT20RIG150T020L2400S
CorTen A				Flexible			FT40FLE150T020L2400S
				Rigid			FT40RIG150T020L2400S
Powder Coated*				Flexible			FT60FLE150T020L2400S
				Rigid			FT60RIG150T020L2400S



Stock – Standard Top Fold

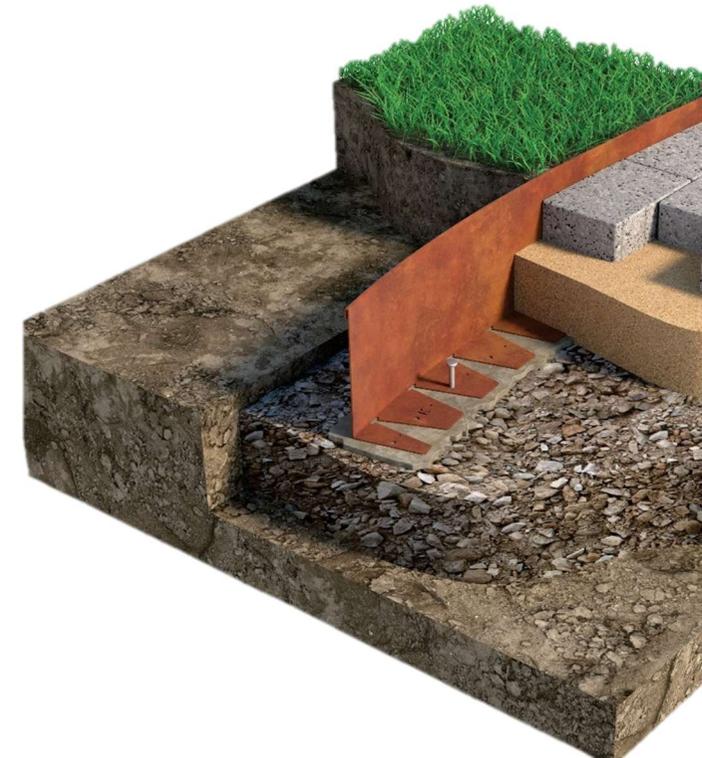
Fort 200mm

Finish	Edging thickness (top fold)	Edging Length	Edging Foot Width	Product Properties	Weight (kg)	Recyclable	Item Code
Galvanised	7mm	2400mm	60mm	Flexible	10kg	100%	FT30FLE200T020L2400S
				Rigid			FT30RIG200T020L2400S
Untreated				Flexible			FT20FLE200T020L2400S
				Rigid			FT20RIG200T020L2400S
CorTen A				Flexible			FT40FLE200T020L2400S
				Rigid			FT40RIG200T020L2400S
Powder Coated*				Flexible			FT60FLE200T020L2400S
				Rigid			FT60RIG200T020L2400S

*Powder coating options available to order

Accessories

Product Properties	Weight (kg)	Pack Qty	Qty required per 1m length	Item Code
50mm Connector	0.1kg	15	1	FT30CON050T020L0000S
75mm Connector	0.1kg	15	1	FT30CON075T020L0000S
100mm Connector	0.1kg	15	1	FT30CON100T020L0000S
150mm Connector	0.2kg	15	1	FT30CON150T020L0000S
200mm Connector	0.3kg	15	1	FT30CON200T020L0000S
Spiral Fixing (5 per 2.4m length)	10kg	100	5	AE10FIX300T000L0000S



Stock – Standard Top Fold Corners

Fort 50mm Corner

Finish	Edging thickness (top fold)	Edging Length	Edging Foot Width	Product Properties	Weight (kg)	Recyclable	Item Code
Galvanised	7mm	300mm	60mm	External	0.4kg	100%	FT30ECO050T020L0000S
				Internal	0.3kg		FT30ICO050T020L0000S
Untreated				External	0.4kg		FT20ECO050T020L0000S
				Internal	0.3kg		FT20ICO050T020L0000S
CorTen A				External	0.4kg		FT40ECO050T020L0000S
				Internal	0.3kg		FT40ICO050T020L0000S
Powder Coated*				External	0.4kg		FT60ECO050T020L0000S
				Internal	0.3kg		FT60ICO050T020L0000S

Fort 75mm Corner

Finish	Edging thickness (top fold)	Edging Length	Edging Foot Width	Product Properties	Weight (kg)	Recyclable	Item Code
Galvanised	7mm	300mm	60mm	External	0.6kg	100%	FT30ECO075T020L0000S
				Internal	0.5kg		FT30ICO075T020L0000S
Untreated				External	0.6kg		FT20ECO075T020L0000S
				Internal	0.5kg		FT20ICO075T020L0000S
CorTen A				External	0.6kg		FT40ECO075T020L0000S
				Internal	0.5kg		FT40ICO075T020L0000S
Powder Coated*				External	0.6kg		FT60ECO075T020L0000S
				Internal	0.5kg		FT60ICO075T020L0000S



Stock – Standard Top Fold Corners

Fort 100mm Corner

Finish	Edging thickness (top fold)	Edging Length	Edging Foot Width	Product Properties	Weight (kg)	Recyclable	Item Code
Galvanised	7mm	300mm	60mm	External	0.7kg	100%	FT30ECO100T020L0000S
				Internal	0.6kg		FT30ICO100T020L0000S
Untreated				External	0.7kg		FT20ECO100T020L0000S
				Internal	0.6kg		FT20ICO100T020L0000S
CorTen A				External	0.7kg		FT40ECO100T020L0000S
				Internal	0.6kg		FT40ICO100T020L0000S
Powder Coated*				External	0.7kg		FT60ECO100T020L0000S
				Internal	0.6kg		FT60ICO100T020L0000S

Fort 150mm Corner

Finish	Edging thickness (top fold)	Edging Length	Edging Foot Width	Product Properties	Weight (kg)	Recyclable	Item Code
Galvanised	7mm	300mm	60mm	External	1kg	100%	FT30ECO150T020L0000S
				Internal	0.9kg		FT30ICO150T020L0000S
Untreated				External	1kg		FT20ECO150T020L0000S
				Internal	0.9kg		FT30ICO150T020L0000S
CorTen A				External	1kg		FT40ECO150T020L0000S
				Internal	0.9kg		FT40ICO150T020L0000S
Powder Coated*				External	1kg		FT60ECO150T020L0000S
				Internal	0.9kg		FT60ICO150T020L0000S



Stock – Standard Top Fold Corners

Fort 200mm Corner

Finish	Edging thickness (top fold)	Edging Length	Edging Foot Width	Product Properties	Weight (kg)	Recyclable	Item Code
Galvanised	7mm	300mm	60mm	External	1.2kg	100%	FT30ECO200T020L0000S
				Internal	1.1kg		FT30ICO200T020L0000S
Untreated				External	1.2kg		FT20ECO200T020L0000S
				Internal	1.1kg		FT20ICO200T020L0000S
CorTen A				External	1.2kg		FT40ECO200T020L0000S
				Internal	1.1kg		FT40ICO200T020L0000S
Powder Coated*				External	1.2kg		FT60ECO200T020L0000S
				Internal	1.1kg		FT60ICO200T020L0000S

Accessories

Product Properties	Weight (kg)	Pack Qty	Qty required per 1m length	Item Code
50mm Connector	0.1kg	15	1	FT30CON050T020L0000S
75mm Connector	0.1kg	15	1	FT30CON075T020L0000S
100mm Connector	0.1kg	15	1	FT30CON100T020L0000S
150mm Connector	0.2kg	15	1	FT30CON150T020L0000S
200mm Connector	0.3kg	15	1	FT30CON200T020L0000S
Spiral Fixing (5 per 2.4m length)	10kg	100	5	AE10FIX300T000L0000S



Stock – Reversed Top Fold

Fort 50mm edging height

Finish	Edging thickness (top fold)	Edging Length	Edging Foot Width	Product Properties	Weight (kg)	Recyclable	Item Code
Galvanised	7mm	2400mm	50mm	Flexible	2.3kg	100%	FT30FLE050T020L2400R
				Rigid			FT30RIG050T020L2400R
Untreated				Flexible			FT20FLE050T020L2400R
				Rigid			FT20RIG050T020L2400R
CorTen A				Flexible			FT40FLE050T020L2400R
				Rigid			FT40RIG050T020L2400R
Powder Coated*				Flexible			FT60FLE050T020L2400R
				Rigid			FT60RIG050T020L2400R

Fort 75mm edging height

Finish	Edging thickness (top fold)	Edging Length	Edging Foot Width	Product Properties	Weight (kg)	Recyclable	Item Code
Galvanised	7mm	2400mm	50mm	Flexible	4.6kg	100%	FT30FLE075T020L2400R
				Rigid			FT30RIG075T020L2400R
Untreated				Flexible			FT20FLE075T020L2400R
				Rigid			FT20RIG075T020L2400R
CorTen A				Flexible			FT40FLE075T020L2400R
				Rigid			FT40RIG075T020L2400R
Powder Coated*				Flexible			FT60FLE075T020L2400R
				Rigid			FT60RIG075T020L2400R



Stock – Reversed Top Fold

Fort 100mm edging height

Finish	Edging thickness (top fold)	Edging Length	Edging Foot Width	Product Properties	Weight (kg)	Recyclable	Item Code
Galvanised	7mm	2400mm	50mm	Flexible	6.3kg	100%	FT30FLE100T020L2400R
				Rigid			FT30RIG100T020L2400R
Untreated				Flexible			FT20FLE100T020L2400R
				Rigid			FT20RIG100T020L2400R
CorTen A				Flexible			FT40FLE100T020L2400R
				Rigid			FT40RIG100T020L2400R
Powder Coated*				Flexible			FT60FLE100T020L2400R
				Rigid			FT60RIG100T020L2400R

Fort 150mm edging height

Finish	Edging thickness (top fold)	Edging Length	Edging Foot Width	Product Properties	Weight (kg)	Recyclable	Item Code
Galvanised	7mm	2400mm	50mm	Flexible	8kg	100%	FT30FLE150T020L2400R
				Rigid			FT30RIG150T020L2400R
Untreated				Flexible			FT20FLE150T020L2400R
				Rigid			FT20RIG150T020L2400R
CorTen A				Flexible			FT40FLE150T020L2400R
				Rigid			FT40RIG150T020L2400R
Powder Coated*				Flexible			FT60FLE150T020L2400R
				Rigid			FT60RIG150T020L2400R



Stock – Reversed Top Fold

Fort 200mm edging height

Finish	Edging thickness (top fold)	Edging Length	Edging Foot Width	Product Properties	Weight (kg)	Recyclable	Item Code
Galvanised	7mm	2400mm	50mm	Flexible	10kg	100%	FT30FLE200T020L2400R
				Rigid			FT30RIG200T020L2400R
Untreated				Flexible			FT20FLE200T020L2400R
				Rigid			FT20RIG200T020L2400R
CorTen A				Flexible			FT40FLE200T020L2400R
				Rigid			FT40RIG200T020L2400R
Powder Coated*				Flexible			FT60FLE200T020L2400R
				Rigid			FT60RIG200T020L2400R

Accessories

Product Properties	Weight (kg)	Pack Qty	Qty required per 1m length	Item Code
50mm Connector	0.1kg	15	1	FT30CON050T020L0000S
75mm Connector	0.1kg	15	1	FT30CON075T020L0000S
100mm Connector	0.1kg	15	1	FT30CON100T020L0000S
150mm Connector	0.2kg	15	1	FT30CON150T020L0000S
200mm Connector	0.3kg	15	1	FT30CON200T020L0000S
Spiral Fixing (5 per 2.4m length)	10kg	100	5	AE10FIX300T000L0000S



Stock – Reversed Top Fold Corners

Fort 50mm Reversed Corner

Finish	Edging thickness (top fold)	Edging Length	Edging Foot Width	Product Properties	Weight (kg)	Recyclable	Item Code
Galvanised	7mm	300mm	60mm	External	0.4kg	100%	FT30ECO050T020L0000R
				Internal	0.3kg		FT30ICO050T020L0000R
Untreated				External	0.4kg		FT20ECO050T020L0000R
				Internal	0.3kg		FT30ICO050T020L0000R
CorTen A				External	0.4kg		FT40ECO050T020L0000R
				Internal	0.3kg		FT40ICO050T020L0000R
Powder Coated*				External	0.4kg		FT60ICO050T020L0000R
				Internal	0.3kg		FT60ICO050T020L0000R

Fort 75mm Corner

Finish	Edging thickness (top fold)	Edging Length	Edging Foot Width	Product Properties	Weight (kg)	Recyclable	Item Code
Galvanised	7mm	300mm	60mm	External	0.6kg	100%	FT30ECO075T020L0000R
				Internal	0.5kg		FT30ICO075T020L0000R
Untreated				External	0.6kg		FT20ECO075T020L0000R
				Internal	0.5kg		FT30ICO075T020L0000R
CorTen A				External	0.6kg		FT40ECO075T020L0000R
				Internal	0.5kg		FT40ICO075T020L0000R
Powder Coated*				External	0.6kg		FT60ICO075T020L0000R
				Internal	0.5kg		FT60ICO075T020L0000R



Stock – Reversed Top Fold Corners

Fort 100mm Reversed Corner

Finish	Edging thickness (top fold)	Edging Length	Edging Foot Width	Product Properties	Weight (kg)	Recyclable	Item Code
Galvanised	7mm	300mm	60mm	External	0.7kg	100%	FT30ECO100T020L0000R
				Internal	0.6kg		FT30ICO100T020L0000R
Untreated				External	0.7kg		FT20ECO100T020L0000R
				Internal	0.6kg		FT20ICO100T020L0000R
CorTen A				External	0.7kg		FT40ECO100T020L0000R
				Internal	0.6kg		FT40ICO100T020L0000R
Powder Coated*				External	0.7kg		FT60ECO100T020L0000R
				Internal	0.6kg		FT60ICO100T020L0000R

Fort 150mm Reversed Corner

Finish	Edging thickness (top fold)	Edging Length	Edging Foot Width	Product Properties	Weight (kg)	Recyclable	Item Code
Galvanised	7mm	300mm	60mm	External	1kg	100%	FT30ECO150T020L0000R
				Internal	0.9kg		FT30ICO150T020L0000R
Untreated				External	1kg		FT20ECO150T020L0000R
				Internal	0.9kg		FT30ICO150T020L0000R
CorTen A				External	1kg		FT40ECO150T020L0000R
				Internal	0.9kg		FT40ICO150T020L0000R
Powder Coated*				External	1kg		FT60ICO150T020L0000R
				Internal	0.9kg		FT60ICO150T020L0000R



Stock – Reversed Top Fold Corners

Fort 200mm Reversed Corner

Finish	Edging thickness (top fold)	Edging Length	Edging Foot Width	Product Properties	Weight (kg)	Recyclable	Item Code
Galvanised	7mm	300mm	60mm	External	1.2kg	100%	FT30ECO200T020L0000R
				Internal	1.1kg		FT30ICO200T020L0000R
Untreated				External	1.2kg		FT20ECO200T020L0000R
				Internal	1.1kg		FT20ICO200T020L0000R
CorTen A				External	1.2kg		FT40ECO200T020L0000R
				Internal	1.1kg		FT40ICO200T020L0000R
Powder Coated*				External	1.2kg		FT60ECO200T020L0000R
				Internal	1.1kg		FT60ICO200T020L0000R

Accessories

Product Properties	Weight (kg)	Pack Qty	Qty required per 1m length	Item Code
50mm Connector	0.1kg	15	1	FT30CON050T020L0000S
75mm Connector	0.1kg	15	1	FT30CON075T020L0000S
100mm Connector	0.1kg	15	1	FT30CON100T020L0000S
150mm Connector	0.2kg	15	1	FT30CON150T020L0000S
200mm Connector	0.3kg	15	1	FT30CON200T020L0000S
Spiral Fixing (5 per 2.4m length)	10kg	100	5	AE10FIX300T000L0000S



Product & Installation Guide

Tools Required

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

Fixings Included

- 250mm Spiral Spike Fixing Stake
- Strip Connector



1. Sub-base & set out

Lay suitable sub-base to required depth. Thorough compaction of the sub-base is essential to ensure a successful installation. Ensure sub-base extends 100-150mm beyond the prepared edge restraint line.

2. Laying the edging

Lay a thin dry mix bedding layer (e.g. sharp sand and cement 5:1 mix) beneath the edging foot to approximately 10mm. This thickness can be varied to adjust levels as required. This also ensures continuous support under the foot of the edging. The edging should not require a wet concrete haunch unless in non-standard applications.

Place the edge restraint and set to correct position.

Fix the Spiral Spike Fixing Stakes through edging foot in the pre-punched holes, at a maximum of 300mm centres. Ensure the nails are firmly secured in the ground and down to the foot of the edging.

Alternative fixing method: Use Coach Bolts or Anchor Screws if fixing into a cured concrete foundation. Contact the technical team for more information.

Note: Additional staking is recommended when laying curves or the area is subject to heavy traffic.

3. Connecting the edging

Use the Strip Connector (provided) to link lengths of Fort together. Slide halfway into channel on inside of the edge restraint and connect with other length leaving a 2-3mm expansion gap.

4. Laying surfaces

The next stage is to lay the surfacing.

When more than one layer is required, the base course should be properly applied and compacted before proceeding to the final wearing course. Pay attention not to damage the edge restraint with the compaction equipment.

Lay final surface.

Ensure top of edge restraint sits just below level of top surfaces, especially if top surface is to be compacted (i.e. Tarmacadam).

Backfill behind edging or lay additional hard surface as required.

Product & Installation Guide

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 Fort products can be found at www.kinley.co.uk in the Resource Centre.

5. Hot lay surfacing

Only in relation to hot rolled surface applications.

Compact surfacing with roller. Ensure first pass with roller is 50mm clear of Fort, 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 Fort to ensure full compaction and a neat finish

6. Creating corners

Cut the foot out enough so there is no overlap on the foot when it is folded 90 degrees. Next, cut the fold on the top of the edging, bend the fold out and remove with the cutter. Then vertically score 1/3 of the way through the steel on the inside fold. Place the edging over a sturdy piece of timber and bend to required angle and finish angle with rubber mallet.



Product & Installation Guide

Applications

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

By mounting on compacted substrate (e.g. MOT Type 1) using 250mm steel Spiral Spike Fixing Stakes. A bedding layer of dry mix 5:1 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 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 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:

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

Made from steel, HiGrade is completely non-combustible and poses no fire risk.

Protective Equipment

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

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, 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 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.



Product & Installation Guide

Stability

Corten A, Galvanised, and Stainless 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.

Stainless Steel is an alloy principally containing iron, chromium, nickel and various other elements in small amounts. The addition of chromium provides the alloy with a high degree of corrosion resistance.

Environmental Issues

Fort is manufactured from Corten A, Galvanised or Stainless 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

Further resources, including CAD drawings and installation guides, are available at www.Kinley.co.uk

