

# HIGRADE

## Modular steel planter edging

Modular steel edge for ground-level planting, available in several heights and three finishes.



<b>C</b> Corten	<b>P</b> Powder - Coating
<b>G</b> Ground	 Pedestrian Use

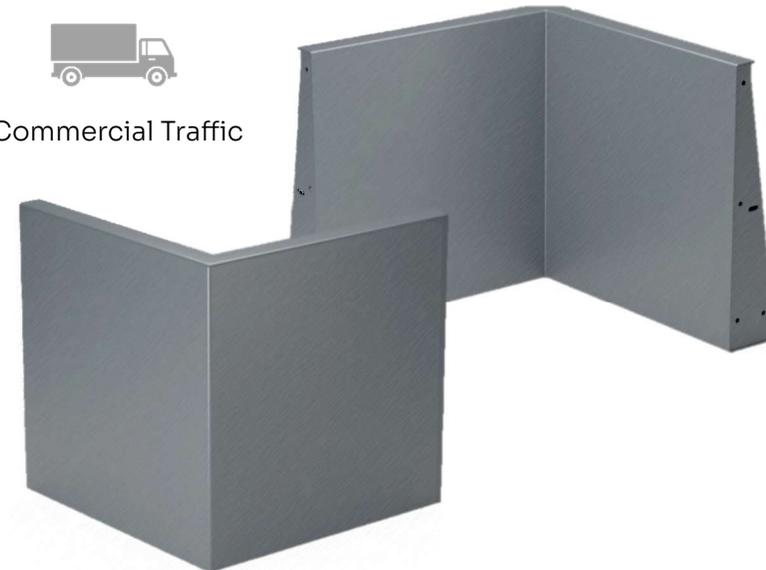


- Modular units for reduced lead time
- Maintains visible border across sloping or undulating terrain
- Strong form and highly corrosion resistant
- Seamless fixings and connections



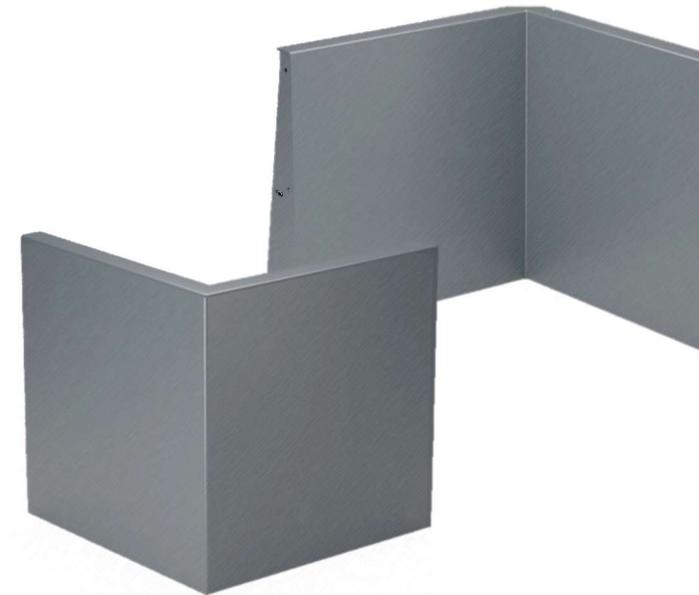
SCAN HERE

 Light Traffic	 Commercial Traffic
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## Specification

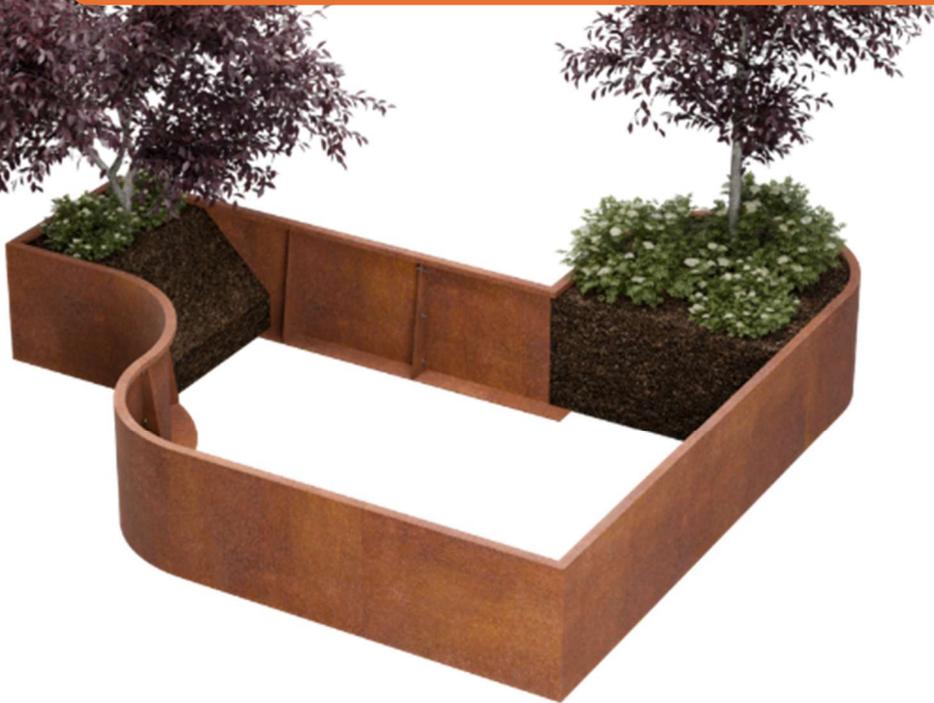
Product Type	Modular steel planter edging
Manufactured to Product Type	Designed and Manufactured in the UK BS EN 9001
Edging Finish	CorTen and Power-Coating
Edging Heights	300mm, 350mm, 400mm, 450mm, 500mm, 550mm, 600mm
Edging Thickness (top bead)	Single folded 40mm top edge; footplate 100mm
Edging Length	Modular straight panels and curved/corner
Fixing Stake Length	Not applicable – fixed with hidden internal bolt connections (supplied with M8 washers, nuts & bolts)
Fixings	Internal concealed bolt fixings; triangular brackets for extra support. M10 concrete anchor bolts through bolts
Tightest Radius by Hand	N/A
Tightest Radius in Factory	300mm
Applications	Planter-height borders, raised edges, demarcation in parks, pathways, gardens, sloping or undulating terrain
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	Assembled on-site with hidden bolts, fixed into place; not moveable after installation
Stability	Strong folded edge design with internal brackets; resistant to impact, weathering, corrosion
Packaging	Delivered on pallets
Carbon Footprint	Lowered through recyclable steel and long design life





## HiGrade

Modular steel edge for ground-level planter landscaping, available in four heights and three finishes.



### Benefits:

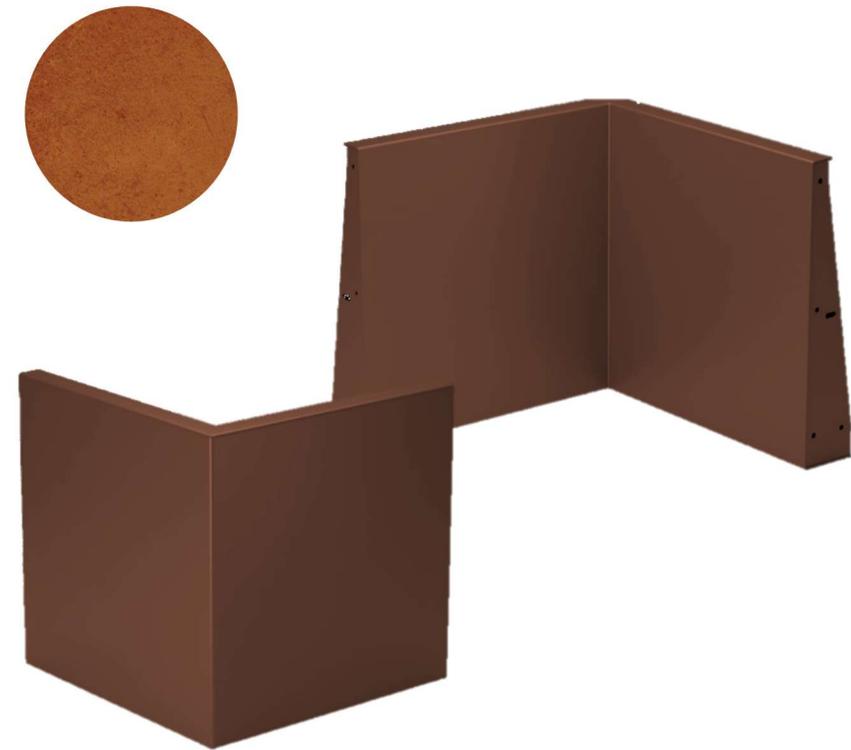
- Modular units for a reduced lead time
- Extra height enables the cost-effective construction of planter-height borders
- Can also be used to maintain a visible border across sloping or undulating terrain
- Strong form and highly corrosion resistant for high-traffic landscapes
- Folded top edges increase rigidity, improve safety and enhance the appearance
- Seamless fixings and connections give a beautiful, smooth finish
- Made from sustainable, 100% recyclable materials
- Triangular brackets for extra support

### Suitable for:

- Imprinted and plain concrete
- Tarmac, asphalt and other hot-lay surfaces
- Resin-bound and loose aggregates
- Blocks and pavers
- Soft landscape

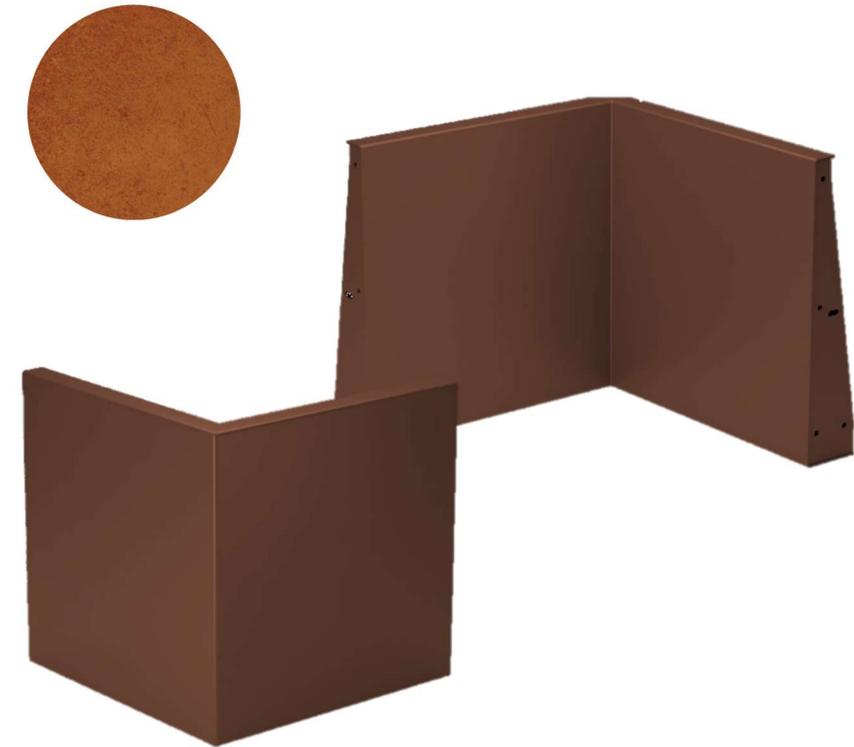
# Stock

Finish	Edging height (mm)	Top fold size	Bottom fold size	Unit	Thickness	Edging Length (mm)	Weight (kg)	Item Code
CorTen	300mm	40mm	100mm	Straight	3mm	600mm	6.48kg	HG40RIG300T030L0600S
				Internal Corner				HG40ICO300T030L0600S
				External Corner				HG40ECO300T030L0600S
				Internal Curve				HG40ICU300T030L0600S
				External Curve				HG40ECU300T030L0600S
				350mm				40mm
	Internal Corner	HG40ICO350T030L0600S						
	External Corner	HG40ECO350T030L0600S						
	Internal Curve	HG40ICU350T030L0600S						
	External Curve	HG40ECU350T030L0600S						
	400mm	40mm	100mm				Straight	
				Internal Corner			HG40ICO400T030L0600S	
				External Corner			HG40ECO400T030L0600S	
				Internal Curve			HG40ICU400T030L0600S	
				External Curve			HG40ECU400T030L0600S	
				450mm			40mm	100mm
	Internal Corner	HG40ICO450T030L0600S						
	External Corner	HG40ECO450T030L0600S						
	Internal Curve	HG40ICU450T030L0600S						
	External Curve	HG40ECU450T030L0600S						



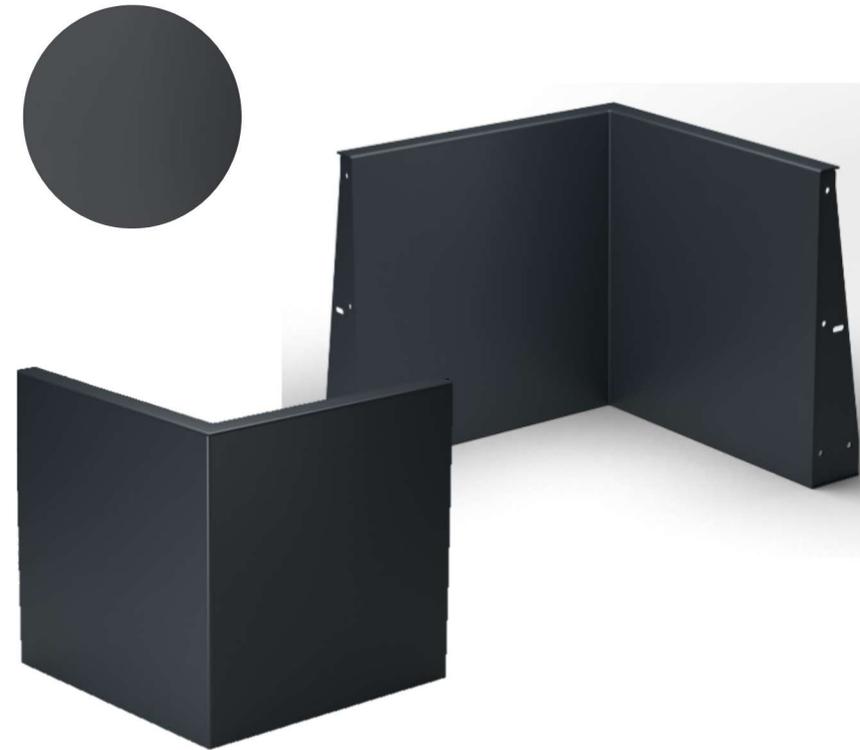
# Stock

Finish	Edging height (mm)	Top fold size	Bottom fold size	Unit	Thickness	Edging Length (mm)	Weight (kg)	Item Code
CorTen	500mm	40mm	100mm	Straight	3mm	600mm	10.80kg	HG40RIG500T030L0600S
				Internal Corner				HG40ICO500T030L0600S
				External Corner				HG40ECO500T030L0600S
				Internal Curve				HG40ICU500T030L0600S
				External Curve				HG40ECU500T030L0600S
				Straight				11.99kg
	Internal Corner	HG40ICO550T030L0600S						
	External Corner	HG40ECO550T030L0600S						
	Internal Curve	HG40ICU550T030L0600S						
	External Curve	HG40ECU550T030L0600S						
	Straight	12.96kg	HG40RIG600T030L0600S					
	Internal Corner		HG40ICO600T030L0600S					
	External Corner		HG40ECO600T030L0600S					
	Internal Curve		HG40ICU600T030L0600S					
	External Curve		HG40ECU600T030L0600S					



# Stock

Finish	Edging height (mm)	Top fold size	Bottom fold size	Unit	Thickness	Edging Length (mm)	Weight (kg)	Item Code
Powder Coated	300mm	40mm	100mm	Straight	3mm	600mm	6.48kg	HG60RIG300T0300600S
				Internal Corner				HG60ICO300T030L0600S
				External Corner				HG60ECO300T030L0600S
				Internal Curve				HG60ICU300T030L0600S
				External Curve				HG60ECU300T030L0600S
				Straight				7.56kg
	Internal Corner	HG60ICO350T030L0600S						
	External Corner	HG60ECO350T030L0600S						
	Internal Curve	HG60ICU350T030L0600S						
	External Curve	HG60ECU350T030L0600S						
	Straight	8.64kg	HG60RIG400T030L0600S					
	Internal Corner		HG60ICO400T030L0600S					
	External Corner		HG60ECO400T030L0600S					
	Internal Curve		HG60ICU400T030L0600S					
	External Curve		HG60ECU400T030L0600S					
	Straight		9.72kg	HG60RIG450T030L0600S				
	Internal Corner	HG60ICO450T030L0600S						
	External Corner	HG60ECO450T030L0600S						
	Internal Curve	HG60ICU450T030L0600S						
	External Curve	HG60ECU450T030L0600S						

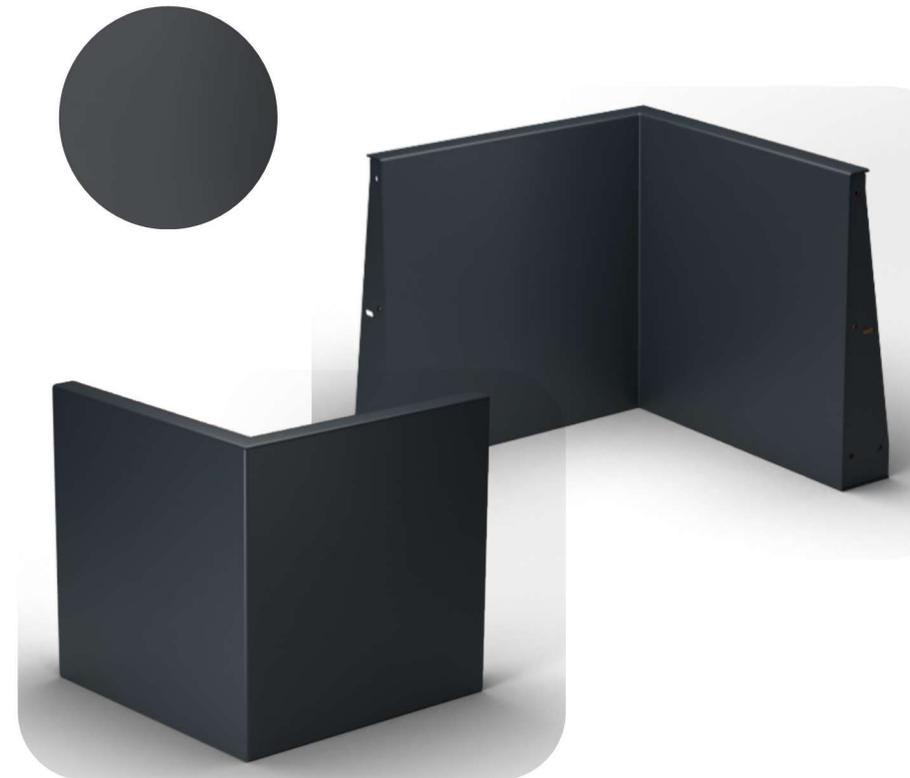


# Stock

*\*Powder coating options available to order*

Finish	Edging height (mm)	Top fold size	Bottom fold size	Unit	Thickness	Edging Length (mm)	Weight (kg)	Item Code
Powder Coated	500mm	40mm	100mm	Straight	3mm	600mm	10.80kg	HG60RIG500T030L0600S
				Internal Corner				HG60ICO500T030L0600S
				External Corner				HG60ECO500T030L0600S
				Internal Curve				HG60ICU500T030L0600S
				External Curve				HG60ECU500T030L0600S
	550mm	40mm	100mm	Straight			11.99kg	HG60RIG550T030L0600S
				Internal Corner				HG60ICO550T030L0600S
				External Corner				HG60ECO550T030L0600S
				Internal Curve				HG60ICU550T030L0600S
				External Curve				HG60ECU550T030L0600S
	600mm	40mm	100mm	Straight			12.96kg	HG60RIG600T030L0600S
				Internal Corner				HG60ICO600T030L0600S
				External Corner				HG60ECO600T030L0600S
				Internal Curve				HG60ICU600T030L0600S
				External Curve				HG60ECU600T030L0600S

Product Description	Pack Qty	Qty required per 1m length	Item Code
Fixing Kit	20	4 of each per length	UB80FIX025T000L0000S
Zinc M10 Anchor Bolt	20	4	BO80M10100T010L0000S
Gasket Tape	X1 Roll 10m	Divide by height of panels x quantity	GA00FIX020T080L0000S



# 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](mailto:sales@kinley.co.uk)

### SUPPORTING DOCUMENTS

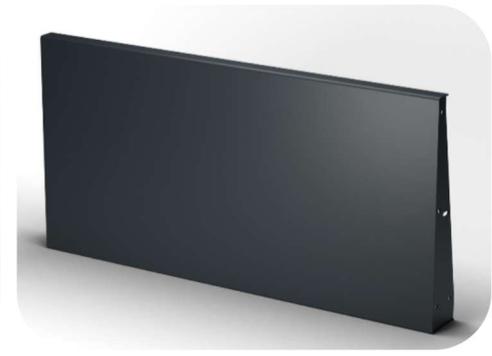
More information on the HiGrade products can be found at [www.kinley.co.uk](http://www.kinley.co.uk) in the Resource Centre.



External Curve



External Corner



Straight



Internal Curve



Internal Corner

## Fixing Method

- Fixed into concrete
- Hidden connection with bolts on inside
- Supplied with M8 washers, nuts and bolts
- Delivered flat packed for efficiency



[View Installation Guide Here](#)

# Product & Installation Guide

## Applications

HiGrade provides a durable solution for raised planters, borders, and modular edging in hard or soft landscapes. With straight lengths, corner units, and curved sections, it adapts easily to complex layouts. Its robust steel construction makes it ideal for parks, pathways, gardens, and urban settings where strength and a clean finish are essential.

## Installation information

Delivered flat-packed, HiGrade is assembled on site using concealed bolt fixings and triangular brackets. Once installed on a concrete race and backfilled, it forms a strong, permanent structure that can be configured into straight runs, curves, or planter beds.

## Storage & Handling

HiGrade is securely packed in boxes or palletised for transport. Installers should follow safe manual handling practices, using trolleys or forklifts where needed and breaking consignments into manageable loads. Products should be stored at a comfortable working height to avoid low or overhead lifting.

## Fire Protection

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

## Protective Equipment

When installing HiGrade, PPE should include safety boots, gloves, and eye protection. Ear protection may be required for cutting, and standard site PPE such as high-visibility clothing and helmets should be used where applicable.

## Stability

HiGrade's folded steel construction and concealed fixings give it excellent rigidity. CorTen forms a protective patina, galvanised steel resists corrosion through zinc coating, and powder-coated finishes add colour and durability, ensuring long-term performance outdoors.

## 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.

## Environmental Issues

HiGrade is made from 100% recyclable steel, offering a low whole-life cost and reducing waste. Its extended lifespan and modular design support reuse across projects, contributing to sustainable landscape design.

## Supporting Documents

Further resources, including CAD drawings and installation guides, are available at [www.Kinley.co.uk](http://www.Kinley.co.uk)

