

KAIRO

Trapezium Planter

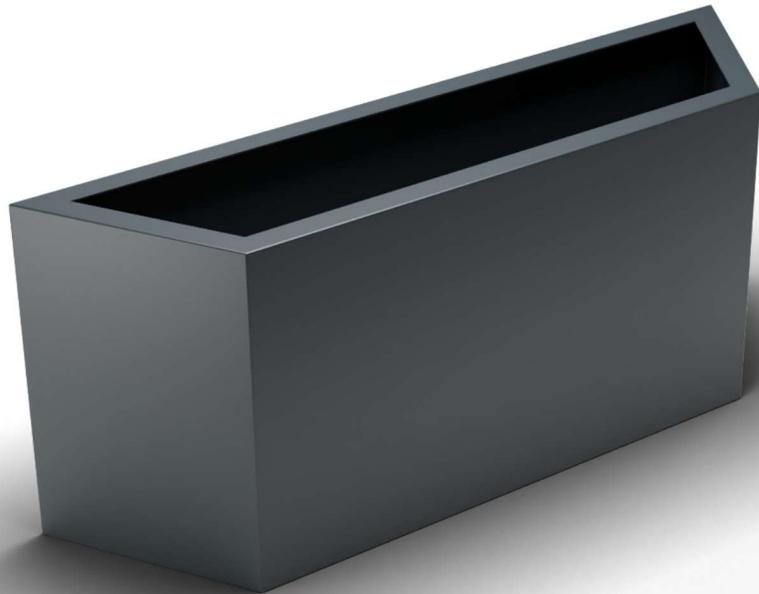
This trapezium steel planter combines modern geometric design with exceptional strength and durability.

Its sizing and high-quality steel construction make it perfect for creating striking, low-maintenance planting arrangements in any outdoor environment.



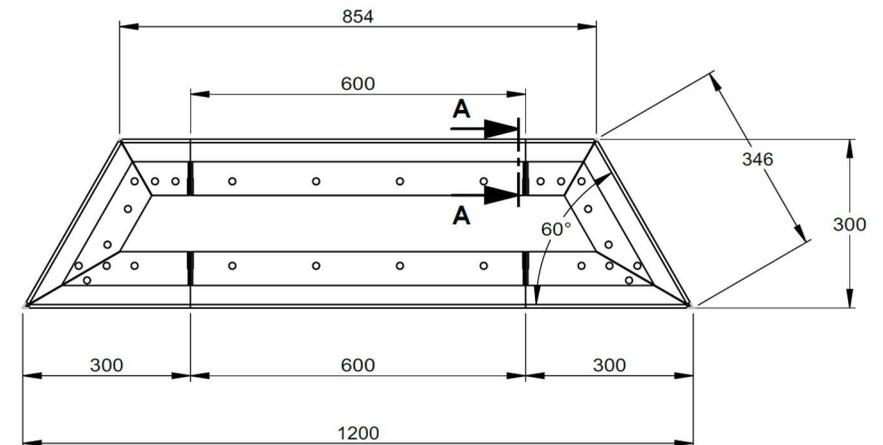
SCAN HERE

- Durable Construction
- Contemporary Design
- Sustainable Materials
- Easy Installation & Maintenance



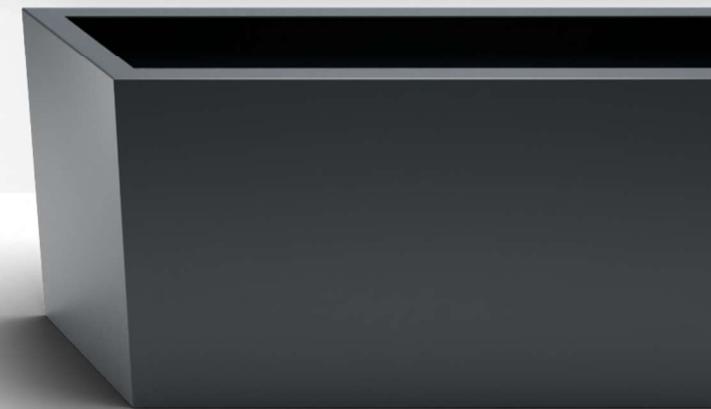
C
Corten

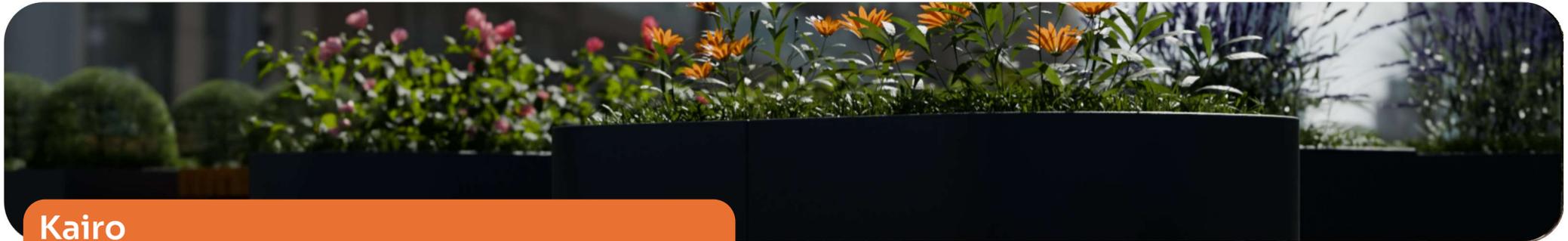
P
Powder -
Coating



Specification

Product Type	Trapezium steel planter
Manufactured to	Designed and Manufactured in the UK
Product Type	BS EN 9001
Finish	CorTen and Powder-Coating
Thickness	3mm
Dimensions	Parallel sides: 854 mm (short side) × 1200 mm (long side)
Heights Available	300, 400mm, 500mm, 600mm, 800mm, 1000mm, 1200mm
Internal Corner Angle	120° and 60°
Planter Form	Trapezium modular design
Modular Sizing	Supplied in modular units for flexible layouts and combinations
Fixings	Concealed internal bolts and reinforcing gussets
Assembly	Assembled on-site with hidden bolt fixings; supplied flat-packed
Durability	High resistance to corrosion, impact, and weathering
Fire Resistance	Class 1A (non-combustible steel components)
Applications	Urban landscapes, gardens, courtyards
Recycled Content	100% recyclable steel
Environmental Impact	Made from recyclable steel; low environmental footprint
Installation	Freestanding or fixed to surface with anchor bolts
Maintenance	Minimal maintenance; optional periodic coating checks
Packaging	Delivered flat packed for efficient transport
Carbon Footprint	Reduced through recyclable materials and long service life





Kairo

This trapezium steel planter combines modern geometric design with exceptional strength and durability. Its adaptable modular sizing and high-quality steel construction make it perfect for creating striking, low-maintenance planting arrangements in any outdoor environment.



Benefits:

- The trapezium design allows multiple planters to be arranged seamlessly together
- Durable construction: made from steel for long-lasting resistance to weathering, corrosion and impact
- Sustainable materials: made from recycled steel
- Easy installation & maintenance: Supplied flat-packed and assembled on-site with concealed fixings for a clean, professional finish.
- Low maintenance: requires minimal upkeep, with corrosion-resistant materials ensuring a long service life and reduced maintenance costs.

Suitable for:

- Parks
- Public Realm
- Leisure areas
- Gardens

Stock

Height 300mm

Finish	Dimensions	Height	Footplate Width	Internal Corners	Metal Thickness	Item Code
CorTen	1200mm x 300mm x 854mm	300mm	100mm	120° & 60°	3mm	KP40TPL300T030L0900
Powder Coated 7016 RAL						KP70TPL300T030L0900
Powder Coated custom						KP60TPL300T030L0900

Height 400mm

Finish	Dimensions	Height	Footplate Width	Internal Corners	Metal Thickness	Item Code
CorTen	1200mm x 300mm x 854mm	400mm	100mm	120° & 60°	3mm	KP40TPL400T030L0900
Powder Coated 7016 RAL						KP70TPL400T030L0900
Powder Coated custom						KP60TPL400T030L0900

Stock

Height 500mm

Finish	Dimensions	Height	Footplate Width	Internal Corners	Metal Thickness	Item Code
CorTen	1200mm x 300mm x 854mm	500mm	100mm	120° & 60°	3mm	KP40TPL500T030L0900
Powder Coated 7016 RAL						KP70TPL500T030L0900
Powder Coated custom						KP60TPL500T030L0900

Height 600mm

Finish	Dimensions	Height	Footplate Width	Internal Corners	Metal Thickness	Item Code
CorTen	1200mm x 300mm x 854mm	600mm	100mm	120° & 60°	3mm	KP40TPL600T030L0900
Powder Coated 7016 RAL						KP70TPL600T030L0900
Powder Coated custom						KP60TPL600T030L0900

Stock

Height 800mm

Finish	Dimensions	Height	Footplate Width	Internal corners	Metal Thickness	Item Code
CorTen	1200mm x 300mm x 854mm	800mm	300mm	120° & 60°	3mm	KP40TPL800T030L0900
Powder Coated 7016 RAL						KP70TPL800T030L0900
Powder Coated custom						KP60TPL800T030L0900

Height 1000mm

Finish	Dimensions	Height	Footplate Width	Internal corners	Metal Thickness	Item Code
CorTen	1200mm x 300mm x 854mm	1000mm	300mm	120° & 60°	3mm	KP40TPL1000T030L0900
Powder Coated 7016 RAL						KP70TPL1000T030L0900
Powder Coated custom						KP60TPL1000T030L0900

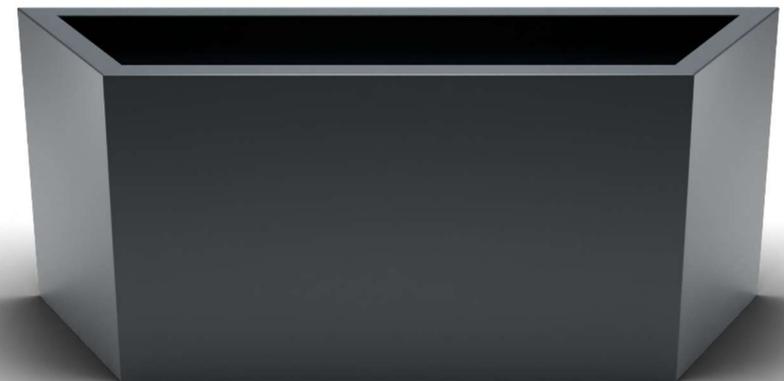
Stock

Height 1200mm

Finish	Dimensions	Height	Footplate Width	Internal corners	Metal Thickness	Item Code
CorTen	1200mm x 300mm x 854mm	1200mm	300mm	120° & 60°	3mm	KP40TPL1200T030L0900
Powder Coated 7016 RAL						KP70TPL1200T030L0900
Powder Coated custom						KP60TPL1200T030L0900

Accessories

Product Description	Pack Qty	Item Code
Fixing Kit	20	UB80FIX025T000L0000S
Zinc M10 Anchor Bolt	20	BO80M10100T010L0000S
Gasket Tape	X1 roll 10m	HG00FIX020T080L0000S



Product & Installation Guide

Tools Required

- Torque wrench
- Spirit level
- Rubber Mallet

Fixings Available

- Nuts & Bolts
- M10 anchor bolt
- Gasket tape

1. Sub-base & set out

We recommend a firm concrete base. Ensure the surface is clean, even, and well-drained before assembly. If placing directly on soil, use a geotextile membrane beneath the planter to reduce weed growth.

2. Assembling the planter walls

Apply Gasket Tape to ends then join the panels together using the supplied corner bolts, washers and nuts. Lightly tighten the fixings first to allow for small adjustments to alignment

Tip: Use a rubber mallet to gently tap corners into alignment if necessary.

3. Level & secure

Once the trapezium shape is complete, check for level on all sides using a spirit level. Adjust the base surface if required. When satisfied with the alignment, fully tighten all fixings to ensure a rigid structure.

If installing on a solid surface, mark and drill fixing holes through the base flanges and secure using concrete anchors.

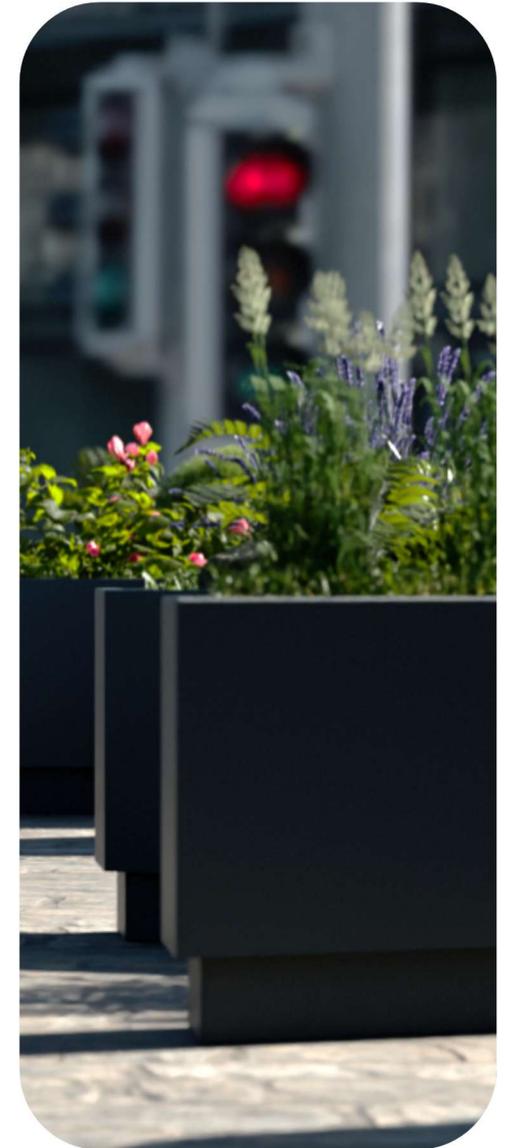
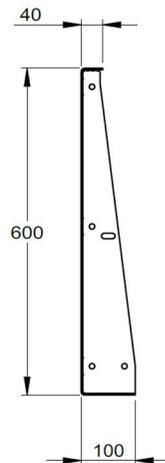
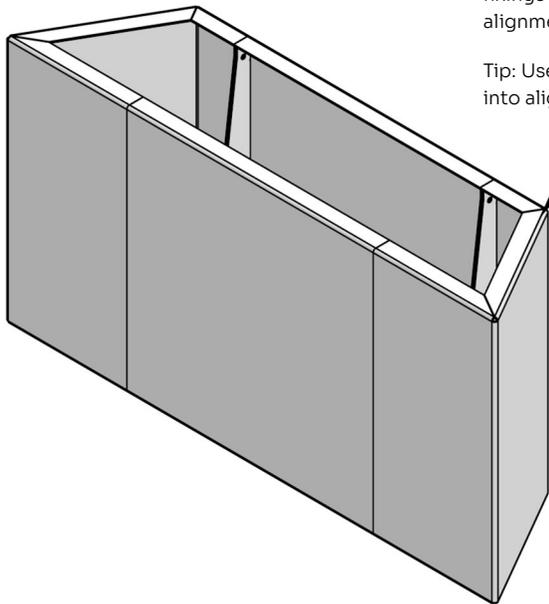
4. Drainage preparation

Before filling, add a layer of drainage material such as gravel or lightweight expanded clay aggregate to the base of the planter. Ensure any drainage holes remain unobstructed.

If using a liner or membrane, fit it neatly inside the planter to protect the internal steel surfaces and retain soil.

5. Filling & planting

Fill the planter with suitable soil or planting medium, leaving at least 25–50 mm from the top edge. Lightly compact the soil and water to help it settle. Add plants according to the desired design, ensuring correct planting depths and spacing.



Product & Installation Guide

6. Finishing touches

Check all bolts and connections are tight. Wipe down external surfaces with a soft cloth to remove dust or fingerprints. If planters are installed in groups, leave a 10–20 mm gap between units for expansion and maintenance access.

7. Maintenance

Regularly inspect fixings and structural integrity, particularly after relocation or extreme weather. Clean surfaces with mild detergent and water. Avoid abrasive cleaners or high-pressure washing that may damage protective coatings.

Applications

The Kairo Planter provides a stylish, modular planting solution suitable for public spaces, commercial landscapes, and private gardens. Its geometric design allows for creative layouts—use individually for feature planting or combine multiple units for grouped displays. With robust steel construction and a clean modern aesthetic, this planter is ideal for courtyards and urban spaces where strength and visual appeal are essential.

Installation information

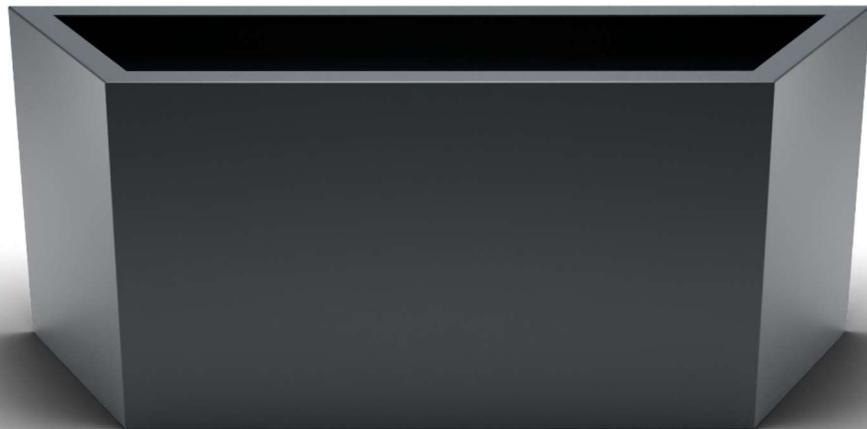
Delivered in panels, Kairo is designed for easy on-site assembly using supplied corner fixings and base supports. The modular format ensures precise alignment and strength once fully constructed and filled.

Storage & Handling

Planter panels are supplied in panels and should be stored on a level surface. Avoid stacking heavy loads on top of panels to prevent bending. Use trolleys or mechanical lifting aids for transport. Handle with care to avoid scratching powder-coated finishes.

Fire Protection

Constructed from non-combustible steel, the planter poses no fire risk and is suitable for installation in both public and private environments where fire safety compliance is required.



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

Product & Installation Guide

Protective Equipment

When assembling the planter, wear suitable PPE including gloves, safety boots, and eye protection. If cutting or grinding is necessary, use a face shield and hearing protection. Handle steel components carefully to prevent cuts or abrasions.

Stability

The folded steel construction and bolted corner joints provide excellent rigidity and long-term performance. Powder-coated or galvanized finishes resist corrosion, while optional Corten steel develops a protective patina over time. Ensure planters are positioned on a level, well-drained surface for optimal stability.

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

The planter is manufactured from 100% recyclable steel. Its modular design promotes reusability and reduces waste. Choose soil and planting media responsibly and recycle packaging after installation.

Supporting Documents

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

