The Edging Book

Kinley
INSPIRED PLACES MADE POSSIBLE
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  e: sales@kinley.co.uk  
  kinley.co.uk
ExcelEdge – The Leading Edge

Combining research and development with experience in the field, Kinley Systems have expanded their range of landscape edgings from recycled plastic products introduced in 2004 to become the most comprehensive selection available in the industry.

Aluminium and steel in numerous formats and finishes provide solutions for every situation where differing landscape surfaces meet and need to be defined.

To strength and durability, all ranges add simplicity of both design and installation. Discreet and smart, their effectiveness and low maintenance requirements ensure life-span cost benefits.

Everyone in the Kinley team is committed to the provision of service and support for specifiers, customers and contractors from initial enquiry, through speedy delivery, to final completion of the project.

Throughout Europe, and further afield, our logistics connections make fast deliveries, usually from stock, to avoid on-site delays.

To design a better – support the best.

The flowing curves to the paths in this project were easily created using flexible AluExcel aluminium edging profiles.

Support: The Kinley commitment

Project Support
The Kinley Technical Sales Team welcomes the opportunity to support particular projects at any stage, from concept to handover, from choice of material to implementation on the ground.

The successful completion of your scheme, on time and on budget, is vitally important to us.

Satisfactorily resolving issues feeds into our programme of continuous improvement and development. Because an item isn’t in the catalogue doesn’t necessarily mean you can’t have it!

Specifier Support
The adoption of aluminium edgings and restraints has greatly widened the scope for the implementation of innovative and imaginative landscape design. Our technical sales team provides support, including CPD Seminars, CAD drawings and data sheets, as well as advice on specific product applications.

Contractor Support
Our stock holding policy is focused on getting the landscape edgings you need onto your site on time. We’ll need a little time to do that when specialised shapes and curves have to be pre-formed. We’ll happily visit you on site or at your base for training or advice. We’ll also welcome your suggestions for improving our service or our products.

At Your Service

- Design Stage: Advice on choice of material and construction detail.
- Pre-forming requirements: The accuracy needed to achieve client satisfaction.
- Bespoke Fabrication of non-standard profiles
- Hostile Environment advice (Marine or industrial)
- Armacote™ durable powder coating – any (RAL) colour you like.

To book your free CPD presentation go to our website kinley.co.uk or call us on +44 (0)1580 830 688
Choosing the right material

Aluminium

Aluminium has become established as the first choice in landscape edging. Its strength, flexibility, durability and lightness contribute to simple, easy installation and minimal maintenance. With easy manual formation of curves and gradients the time consuming base preparation associated with traditional kerbing is eliminated. Wet trades work (and drying time), and the mechanical handling of concrete kerbs and associated breakage risks no longer restrain the realisation of complex plans.

All ExcelEdge aluminium products are made from a minimum of 80% recycled aluminium which is 100% recyclable.

- AluExcel is the principal profile for commercial hard landscaping applications.
- AllEdge provides a smart, durable, low maintenance lawn edging.
- RoofEdge allows for lateral drainage and elegant surface boundaries on green roofs.

Steel

For prestigious projects and those subject to heavy traffic ExcelEdge steel edgings with their great range of grades, formats and finishes have deservedly earned loyalty among specifiers and contractors.

- Borderline edgings for both hard and soft landscaping applications.
- HiGrade is the heavy duty choice for special finishes and raised boundaries.
- Contour is a superbly robust, rolled top, edge restraint for public realm and other high traffic areas.

Important notes on the use of this table:

The table is intended only to be used as a general guide. Due to the many different landscape applications available, installation methods may vary according to specific requirements. Please ensure you check with our technical teams if you have any questions. Further installation details may also be downloaded from our Resource Centre.

Any strength range given are relative and are subject to correct installation methods and normal intended usage depending on specific profile height and thickness selected.

<table>
<thead>
<tr>
<th>Material</th>
<th>Straight edge</th>
<th>Curved edge</th>
<th>Edging grade</th>
<th>Perforation category</th>
<th>Section lengths</th>
<th>Cost relativity</th>
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<tbody>
<tr>
<td>aluminium angle edging</td>
<td>Aluminum</td>
<td>✔ ✔</td>
<td>5-10*</td>
<td>6-8*</td>
<td>2.5 m</td>
<td>5-7</td>
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<td>✔ ✔</td>
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<td>5-7</td>
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<td>perforated edging for green roof applications</td>
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<td>2.4 m</td>
<td>7</td>
</tr>
</tbody>
</table>

Preformed, bespoke HiGrade steel edging in CorTen A creates a stunning visual result in this school courtyard.
Aluminium edging
ExcelEdge
AluExcel

Aluminium angle edging

The ultimate commercial landscape edging for hard surfaces. AluExcel design features benefit from state of the art technology ensuring maximum flexibility consistent with optimum strength and durability.

Use it with:
- Asphalt
- Blocks and pavers
- Imprinted & plain concrete
- Resin bound & loose gravels
- Wetpour rubber & other safety surfacing

Advantages:
- Create clean curved or straight lines
- Fast, simple installation saves time and money
- Strong durable alloy won’t rust
- Recycled aluminium is lightweight and easy to handle
- Works between all hard/soft surface types

Standard installation method between two hard interfaces on a compacted sub-base.

For further technical installation detail see page 18 or go to the video on our website kinley.co.uk
### 25 mm profile height

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Profile Height</th>
<th>Length</th>
<th>Horizontal Width</th>
<th>Top Edge Bead Thickness</th>
<th>Weight per Length</th>
<th>Stakes per Length</th>
<th>Finish</th>
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<tr>
<td>AE25FM</td>
<td>Aluminum angle flexible edge restraint. Supplied with 1 connector strip.</td>
<td>25 mm</td>
<td>2.5 m</td>
<td>32 mm</td>
<td>5 mm</td>
<td>0.75 kgs</td>
<td>5</td>
<td>Mill</td>
</tr>
<tr>
<td>AE25RM</td>
<td>Aluminum angle rigid edge restraint. Supplied with 1 connector strip.</td>
<td>25 mm</td>
<td>2.5 m</td>
<td>32 mm</td>
<td>5 mm</td>
<td>0.75 kgs</td>
<td>5</td>
<td>Mill</td>
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### 40 mm profile height

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<th>Model</th>
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<th>Profile Height</th>
<th>Length</th>
<th>Horizontal Width</th>
<th>Top Edge Bead Thickness</th>
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<td>45 mm</td>
<td>6 mm</td>
<td>1.3 kgs</td>
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<td>Mill</td>
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<td>6 mm</td>
<td>1.3 kgs</td>
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### 18 mm profile height

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<th>Model</th>
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<th>Finish</th>
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<tr>
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<td>2.5 m</td>
<td>30 mm</td>
<td>5 mm</td>
<td>0.58 kgs</td>
<td>5</td>
<td>Mill</td>
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<tr>
<td>AE18RM</td>
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<td>2.5 m</td>
<td>30 mm</td>
<td>5 mm</td>
<td>0.58 kgs</td>
<td>5</td>
<td>Mill</td>
</tr>
</tbody>
</table>

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**ExcelEdge AluExcel**

Profile heights: 18 mm - 150 mm

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Made in the UK
Part recycled
100% recyclable

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Contact us for samples & prices:

**t:** +44 (0)1580 830 688  
**e:** sales@kinley.co.uk
AE50FM
Aluminium angle flexible edge restraint. Supplied with 1 connector strip.
Profile height 50 mm
Length 2.5 m
Horizontal width 45 mm
Thickness 4 mm
Top edge bead thickness 6 mm
Weight per length 1.45 kgs
Stakes per length 5
Finish Mill

AE50RM
Aluminium angle rigid edge restraint. Supplied with 1 connector strip.
Profile height 50 mm
Length 2.5 m
Horizontal width 45 mm
Thickness 4 mm
Top edge bead thickness 6 mm
Weight per length 1.45 kgs
Stakes per length 5
Finish Mill

AE50CI
90° Internal corner
Supplied with 1 connector strip
Length 150 mm x 150 mm

AE50CE
90° External corner
Supplied with 1 connector strip
Length 150 mm x 150 mm

AE75FM
Aluminium angle flexible edge restraint. Supplied with 1 connector strip.
Profile height 75 mm
Length 2.5 m
Horizontal width 70 mm
Thickness 4 mm
Top edge bead thickness 6.5 mm
Weight per length 2.45 kgs
Stakes per length 5
Finish Mill

AE75RM
Aluminium angle rigid edge restraint. Supplied with 1 connector strip.
Profile height 75 mm
Length 2.5 m
Horizontal width 70 mm
Thickness 4 mm
Top edge bead thickness 6.5 mm
Weight per length 2.45 kgs
Stakes per length 5
Finish Mill

AE75CI
90° Internal corner
Supplied with 1 connector strip
Length 150 mm x 150 mm

AE75CE
90° External corner
Supplied with 1 connector strip
Length 150 mm x 150 mm

65 mm profile height

AE65FM
Aluminium angle flexible edge restraint. Supplied with 1 connector strip.
Profile height 65 mm
Length 2.5 m
Horizontal width 45 mm
Thickness 4 mm
Top edge bead thickness 6 mm
Weight per length 1.45 kgs
Stakes per length 5
Finish Mill

AE65RM
Aluminium angle rigid edge restraint. Supplied with 1 connector strip.
Profile height 65 mm
Length 2.5 m
Horizontal width 45 mm
Thickness 4 mm
Top edge bead thickness 6 mm
Weight per length 1.45 kgs
Stakes per length 5
Finish Mill

AE65CI
90° Internal corner
Supplied with 1 connector strip
Length 150 mm x 150 mm

AE65CE
90° External corner
Supplied with 1 connector strip
Length 150 mm x 150 mm

AE100FM
Aluminium angle flexible edge restraint. Supplied with 1 connector strip.
Profile height 100 mm
Length 2.5 m
Horizontal width 70 mm
Thickness 4 mm
Top edge bead thickness 6.5 mm
Weight per length 3.1 kgs
Stakes per length 5
Finish Mill

AE100RM
Aluminium angle rigid edge restraint. Supplied with 1 connector strip.
Profile height 100 mm
Length 2.5 m
Horizontal width 70 mm
Thickness 4 mm
Top edge bead thickness 6.5 mm
Weight per length 3.1 kgs
Stakes per length 5
Finish Mill

AE100CI
90° Internal corner
Supplied with 1 connector strip
Length 150 mm x 150 mm

AE100CE
90° External corner
Supplied with 1 connector strip
Length 150 mm x 150 mm

Profile height 50 mm
Length 2.5 m
Horizontal width 45 mm
Thickness 4 mm
Top edge bead thickness 6 mm
Weight per length 1.45 kgs
Stakes per length 5
Finish Mill

Profile height 75 mm
Length 2.5 m
Horizontal width 70 mm
Thickness 4 mm
Top edge bead thickness 6.5 mm
Weight per length 2.45 kgs
Stakes per length 5
Finish Mill

AE65CI
90° Internal corner
Supplied with 1 connector strip
Length 150 mm x 150 mm

AE65CE
90° External corner
Supplied with 1 connector strip
Length 150 mm x 150 mm

Profile height 65 mm
Length 2.5 m
Horizontal width 45 mm
Thickness 4 mm
Top edge bead thickness 6 mm
Weight per length 1.45 kgs
Stakes per length 5
Finish Mill

Profile height 100 mm
Length 2.5 m
Horizontal width 70 mm
Thickness 4 mm
Top edge bead thickness 6.5 mm
Weight per length 3.1 kgs
Stakes per length 5
Finish Mill

AE100CI
90° Internal corner
Supplied with 1 connector strip
Length 150 mm x 150 mm

AE100CE
90° External corner
Supplied with 1 connector strip
Length 150 mm x 150 mm

AE75CI
90° Internal corner
Supplied with 1 connector strip
Length 150 mm x 150 mm

AE75CE
90° External corner
Supplied with 1 connector strip
Length 150 mm x 150 mm

AE50CI
90° Internal corner
Supplied with 1 connector strip
Length 150 mm x 150 mm

AE50CE
90° External corner
Supplied with 1 connector strip
Length 150 mm x 150 mm

AE100CI
90° Internal corner
Supplied with 1 connector strip
Length 150 mm x 150 mm

AE100CE
90° External corner
Supplied with 1 connector strip
Length 150 mm x 150 mm

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**120 mm profile height**

**AE120FM**
Aluminium angle flexible edge restraint. Supplied with 1 connector strip.

- Profile height: 120 mm
- Length: 2.5 m
- Horizontal width: 70 mm
- Thickness: 4 mm
- Top edge bead thickness: 7 mm
- Weight per length: 4.36 kgs
- Stakes per length: 5
- Finish: Mill

**AE120RM**
Aluminium angle rigid edge restraint. Supplied with 1 connector strip.

- Profile height: 120 mm
- Length: 2.5 m
- Horizontal width: 70 mm
- Thickness: 4 mm
- Top edge bead thickness: 7 mm
- Weight per length: 4.36 kgs
- Stakes per length: 5
- Finish: Mill

**AE120CI**
90° Internal corner. Supplied with 1 connector strip.

- Length: 150 mm x 150 mm

**AE120CE**
90° External corner. Supplied with 1 connector strip.

- Length: 150 mm x 150 mm

**150 mm reverse profile height**

**AE150FMR**
Aluminium angle flexible reverse profile edge restraint. Supplied with 1 connector strip.

- Profile height: 150 mm
- Length: 2.5 m
- Horizontal width: 70 mm
- Thickness: 4.5 mm
- Top edge bead thickness: 8 mm
- Weight per length: 5.55 kgs
- Stakes per length: 5
- Finish: Mill

**AE150RM**
Aluminium angle rigid reverse profile edge restraint. Supplied with 1 connector strip.

- Profile height: 150 mm
- Length: 2.5 m
- Horizontal width: 70 mm
- Thickness: 4.5 mm
- Top edge bead thickness: 8 mm
- Weight per length: 5.55 kgs
- Stakes per length: 5
- Finish: Mill

**AE150CI**
90° Internal corner. Supplied with 1 connector strip.

- Length: 150 mm x 150 mm

**AE150CE**
90° External corner. Supplied with 1 connector strip.

- Length: 150 mm x 150 mm

**Accessories**

**AECSS**
Small connector strip. Sold as an accessory to 18 mm – 40 mm high edging.

**AESG30**
AluExcel Synthetic Grass Edge. Only suitable for the 50 mm – 150 mm high AluExcel profiles.

**SS250B**
Spiral fixings stakes. Come as a set of 5.

**AESL**
Large connector strip. Sold as an accessory to 18 mm – 50 mm high edging.

**AECSL**
Large connector strip. Sold as an accessory to 50 mm – 150 mm high edging.

**AECSL**
Large connector strip. Sold as an accessory to 50 mm – 150 mm high edging.

**Additional Services**

**Bespoke Fabrication**
Where circles or symmetrical curved shapes are required we recommend utilising our pre-forming service to ensure an accurate result.

**Powder Coating**
For that extra special result we can also apply our Armacote™ powder coating to any RAL colour to provide the ultimate outstanding result.

For more information about our project support services please contact our technical team on +44 (0)1580 830 688 or visit kinley.co.uk

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AluExcel standard installation

This diagram shows a standard installation method on a compacted MOT Type 1 sub-base between a hard and soft landscape surfaces. No concrete is necessary which means that installation is fast and easy and adjacent planting or lawn can grow right up to the edge.

For further technical installation detail go to our website kinley.co.uk

AluExcel installation with AESG30

This diagram shows a typical installation of our AluExcel edging system, complete with our synthetic grass attachment, between soft landscapes. The attachment provides the perfect ‘ledge’ to glue the synthetic grass to. The attachment simply slides into the AluExcel profile. This attachment is suitable for the 50mm high edging and above.

For further technical installation detail go to our website kinley.co.uk

This image demonstrates the excellent end result achieved using the AluExcel edging system in conjunction with synthetic grass.
ExcelEdge
AllEdge
Premium aluminium lawn edging

AllEdge imparts the ultimate in contemporary style and finish to lawns and borders. The invertible profile offers the choice of a round or square top edge and completely concealed fixings. AllEdge Premium has flush fitting joints and a choice of length of fixing stakes to suit sub-strate conditions.

Advantages:
- Flexible
- Strong
- Recycled material
- Choice of finishes
- Simple installation
- Reversible design – choose from rounded or square top edge
- Smooth outer face
- Flush fitting joint

Use it with:
- Fine lawns
- Gravel paths
- Other soft landscape edging

Standard installation method between two soft interfaces such as planting and lawn.

For further technical installation detail go to our website kinley.co.uk
ExcelEdge
AllEdge

Profile height:
100 mm

100 mm profile height

ALP100M
Premium aluminium lawn edging. Supplied with 3 stakes.
Profile height: 100 mm
Length: 2.5 m
Thickness: 5 mm
Weight per length: 1.06 kgs
Finish: Mill

Additional Services

Powder Coating
For that extra special result we can also apply our Armacote™ powder coating to any RAL colour to provide the ultimate outstanding result. For more information about our project support services please contact our technical team on +44 (0)1580 830 688 or visit kinley.co.uk

Made in the UK
Part recycled
100% recyclable

Accessories

ALSTK300
Aluminium fixing stake
Length: 300 mm
Colour: Mill

ALSTK450
Aluminium fixing stake
Length: 450 mm
Colour: Mill

ALSTK600
Aluminium fixing stake
Length: 600 mm
Colour: Mill

ALCS100
Aluminium connector strip
Colour: Mill

The clearly defined borders are easy to create and make it easier to maintain that perfect finish.

Contact us for samples & prices: t: +44 (0)1580 830 688  e: sales@kinley.co.uk
No longer a novelty, green roof design and construction is presenting landscape professionals with challenging opportunities. Aluminium RoofEdge has vertical perforations ensuring lateral drainage across roof surfaces preventing excessive water accumulation.

**Use it with:**
- Intensive Green Roof projects

**Advantages:**
- Lightweight and robust
- Flexible and versatile
- High quality aluminium alloy
- Vertical slots allow lateral drainage
- Simple and quick to install

Standard installation method around the perimeter of an intensive green roof build-up allowing restraint with drainage. No fixing down required, making it quick and easy to use.

For further technical installation detail go to our website kinley.co.uk
ExcelEdge
RoofEdge

Profile heights: 50 mm - 300 mm

50 mm profile height

AR50MR
Aluminium angle rigid edge restraint. Supplied with 1 connector strip.
Profile height 50 mm
Length 2.4 m
Horizontal width 100 mm
Thickness 1.5 mm
Top edge bead thickness 5 mm
Finish Mill

AR50MF
Aluminium angle flexible edge restraint. Supplied with 1 connector strip.
Profile height 50 mm
Length 2.4 m
Horizontal width 100 mm
Thickness 1.5 mm
Top edge bead thickness 5 mm
Finish Mill

ARC50M
Aluminium angle connector

75 mm profile height

AR75MR
Aluminium angle rigid edge restraint. Supplied with 1 connector strip.
Profile height 75 mm
Length 2.4 m
Horizontal width 100 mm
Thickness 1.5 mm
Top edge bead thickness 5 mm
Finish Mill

AR75MF
Aluminium angle flexible edge restraint. Supplied with 1 connector strip.
Profile height 75 mm
Length 2.4 m
Horizontal width 100 mm
Thickness 1.5 mm
Top edge bead thickness 5 mm
Finish Mill

ARC75M
Aluminium angle connector
Length 250 mm

100 mm profile height

AR100MR
Aluminium angle rigid edge restraint. Supplied with 1 connector strip.
Profile height 100 mm
Length 2.4 m
Horizontal width 100 mm
Thickness 1.5 mm
Top edge bead thickness 5 mm
Finish Mill

AR100MF
Aluminium angle flexible edge restraint. Supplied with 1 connector strip.
Profile height 100 mm
Length 2.4 m
Horizontal width 100 mm
Thickness 1.5 mm
Top edge bead thickness 5 mm
Finish Mill

ARC100M
Aluminium angle connector
Length 250 mm

Made in the UK
100% recycled
100% recyclable
**150 mm profile height**

<table>
<thead>
<tr>
<th>AR150MR</th>
<th>Aluminum angle rigid edge restraint. Supplied with 1 connector strip.</th>
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<tbody>
<tr>
<td>Profile height</td>
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<td>Length</td>
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</tr>
<tr>
<td>Horizontal width</td>
<td>150 mm</td>
</tr>
<tr>
<td>Thickness</td>
<td>1.5 mm</td>
</tr>
<tr>
<td>Top edge bead thickness</td>
<td>5 mm</td>
</tr>
<tr>
<td>Finish</td>
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<td>Finish</td>
<td>Mill</td>
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<table>
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<tr>
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**200 mm profile height**

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<td>Thickness</td>
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<tr>
<td>Top edge bead thickness</td>
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<td>Finish</td>
<td>Mill</td>
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<table>
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<th>ARC200M</th>
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**300 mm profile height**

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<tbody>
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<td>Profile height</td>
<td>300 mm</td>
</tr>
<tr>
<td>Length</td>
<td>2.4 m</td>
</tr>
<tr>
<td>Horizontal width</td>
<td>200 mm</td>
</tr>
<tr>
<td>Thickness</td>
<td>1.5 mm</td>
</tr>
<tr>
<td>Top edge bead thickness</td>
<td>5 mm</td>
</tr>
<tr>
<td>Finish</td>
<td>Mill</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AR300MF</th>
<th>Aluminum angle flexible edge restraint. Supplied with 1 connector strip.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Profile height</td>
<td>150 mm</td>
</tr>
<tr>
<td>Length</td>
<td>2.4 m</td>
</tr>
<tr>
<td>Horizontal width</td>
<td>150 mm</td>
</tr>
<tr>
<td>Thickness</td>
<td>1.5 mm</td>
</tr>
<tr>
<td>Top edge bead thickness</td>
<td>5 mm</td>
</tr>
<tr>
<td>Finish</td>
<td>Mill</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ARC300M</th>
<th>Aluminum angle connector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>250 mm</td>
</tr>
</tbody>
</table>

Contact us for samples & prices: t: +44 (0)1580 830 688  e: sales@kinley.co.uk
No longer a novelty, green roof design and construction is presenting landscape professionals with challenging opportunities. Aluminium RoofEdge Premium has vertical perforations ensuring lateral drainage across roof surfaces preventing excessive water accumulation.

**Use it with:**
- Green Roof projects
- External terraces

---

**ExcelEdge RoofEdge Premium**

Premium edging for green roof applications

---

**ExcelEdge RoofEdge Premium**

Premium edging for green roof applications

---

**Advantages:**
- Lightweight and robust
- Strong aluminum extrusion profile
- Square top edge design
- High quality aluminium alloy
- Vertical slots allow lateral drainage
- Simple and quick to install

---

**ARP100RM**

Aluminium angle rigid edge restraint. Supplied with 1 connector strip.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Profile height</td>
<td>100mm</td>
</tr>
<tr>
<td>Length</td>
<td>2.4m</td>
</tr>
<tr>
<td>Horizontal width</td>
<td>150 mm</td>
</tr>
<tr>
<td>Thickness</td>
<td>1.6 mm</td>
</tr>
<tr>
<td>Top edge bead thickness</td>
<td>6 mm Mill</td>
</tr>
<tr>
<td>Finish</td>
<td>Mill</td>
</tr>
</tbody>
</table>

Made in the UK
Part recycled
100% recyclable
Steel edging

- ExcelEdge Borderline
  Steel lawn edging

- Perimeta HiGrade Bespoke
  Bespoke 6 mm pre-formed steel panel system

- ExcelEdge HiGrade
  Heavy duty steel landscape edging

- ExcelEdge Contour
  Heavy duty steel angle edging
ExcelEdge
Borderline

Steel lawn edging

The steel edging for Public Realm and other heavy-traffic landscaping projects. The benefits and simplicity of the unique Borderline overlapping joining and fixing system have drawn plaudits from many landscape professionals. It provides very strong and almost invisible connections between sections. It is also much quicker and easier than rival products to install, in rigid or curved boundary lines.

Use it for:
- Traditional lawns
- Kitchen gardens
- Gravel paths & drives
- Contemporary gardens

Advantages:
- Save hours of backbreaking edge maintenance work
- Flexible and hard-wearing
- Powder coated finish designed to withstand the elements
- Thickness of 2 mm or 3 mm
- Heavy duty 5 mm version available
- Standard depths of 100 mm and 150 mm
- Available in brown, galvanised or untreated mild steel finish

For further technical installation detail go to our website: kinley.co.uk
### ExcelEdge Borderline

Profile heights: 100 mm - 150 mm
Thickness: 2 mm - 5 mm

**100 mm profile height**

<table>
<thead>
<tr>
<th>2 mm thickness</th>
<th>Steel lawn edging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Profile height</td>
<td>100 mm</td>
</tr>
<tr>
<td>Length</td>
<td>2.0 m</td>
</tr>
<tr>
<td>Thickness</td>
<td>2 mm</td>
</tr>
<tr>
<td>Weight per length</td>
<td>3.04 kgs</td>
</tr>
<tr>
<td>Fixings</td>
<td>3no. Flat stake x 305 mm</td>
</tr>
</tbody>
</table>

BL20BR
Finish Powder coated brown

### 150 mm profile height

<table>
<thead>
<tr>
<th>3 mm thickness</th>
<th>Steel lawn edging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Profile height</td>
<td>150 mm</td>
</tr>
<tr>
<td>Length</td>
<td>2.0 m</td>
</tr>
<tr>
<td>Thickness</td>
<td>3 mm</td>
</tr>
<tr>
<td>Weight per length</td>
<td>6.76 kgs</td>
</tr>
<tr>
<td>Fixings</td>
<td>3no. Flat stake x 410 mm</td>
</tr>
</tbody>
</table>

BL150BR
Finish Powder coated brown
BL150G
Finish Galvanised
BL150U
Finish Untreated steel

<table>
<thead>
<tr>
<th>5 mm thickness</th>
<th>Jumbo steel lawn edging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Profile height</td>
<td>150 mm</td>
</tr>
<tr>
<td>Length</td>
<td>2.0 m</td>
</tr>
<tr>
<td>Thickness</td>
<td>5 mm</td>
</tr>
<tr>
<td>Weight per length</td>
<td>11.38 kgs</td>
</tr>
<tr>
<td>Fixings</td>
<td>3no. Flat stake x 410 mm</td>
</tr>
</tbody>
</table>

BL150J5U
Finish Untreated steel

---

**Contact us for samples & prices:**
- t: +44 (0)1580 830 688
- e: sales@kinley.co.uk
ExcelEdge
HiGrade

Heavy duty steel landscape edging

Steel edgings for prestigious projects requiring maximum strength and durability. This is the ultimate edging in strength and durability with thicknesses up to 8 mm.

Use it for:
- Lawn edging
- Paths/Drive edging
- Total landscape set out

Advantages:
- Strong and robust
- Wide range of sizes and finishes – including CorTen steel.
- Flexible
- Bespoke design & support

HiGrade comes with five 450 mm fixing pins and provides a very secure installation. When in high traffic public realm areas or when it is used in vehicular zones then a concrete haunch may be needed.

For further technical installation detail go to our website kinley.co.uk
ExcelEdge
HiGrade

Profile height:
150 mm

Thickness:
3 mm - 8 mm

150 mm profile height

3 mm thickness
HiGrade steel edge restraint. Supplied with 5 fixing stakes and 2 strip connectors.

<table>
<thead>
<tr>
<th>Profile height</th>
<th>Weight per length</th>
</tr>
</thead>
<tbody>
<tr>
<td>150 mm</td>
<td>3.0 m</td>
</tr>
<tr>
<td>3 mm</td>
<td>5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>HG3C</td>
</tr>
<tr>
<td>HG3G</td>
</tr>
<tr>
<td>HG3S</td>
</tr>
<tr>
<td>HG3U</td>
</tr>
<tr>
<td>Finish</td>
</tr>
<tr>
<td>CorTen</td>
</tr>
<tr>
<td>Galvanised</td>
</tr>
<tr>
<td>Stainless Steel</td>
</tr>
<tr>
<td>Untreated steel</td>
</tr>
</tbody>
</table>

6 mm thickness
HiGrade steel edge restraint. Supplied with 5 fixing stakes and 2 strip connectors.

<table>
<thead>
<tr>
<th>Profile height</th>
<th>Weight per length</th>
</tr>
</thead>
<tbody>
<tr>
<td>150 mm</td>
<td>3.0 m</td>
</tr>
<tr>
<td>6 mm</td>
<td>7.3 kgs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>HG6C</td>
</tr>
<tr>
<td>HG6G</td>
</tr>
<tr>
<td>HG6S</td>
</tr>
<tr>
<td>HG6U</td>
</tr>
<tr>
<td>Finish</td>
</tr>
<tr>
<td>CorTen</td>
</tr>
<tr>
<td>Galvanised</td>
</tr>
<tr>
<td>Stainless Steel</td>
</tr>
<tr>
<td>Untreated steel</td>
</tr>
</tbody>
</table>

8 mm Thickness
HiGrade steel edge restraint. Supplied with 5 fixing stakes and 2 strip connectors.

<table>
<thead>
<tr>
<th>Profile height</th>
<th>Weight per length</th>
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</thead>
<tbody>
<tr>
<td>150 mm</td>
<td>3.0 m</td>
</tr>
<tr>
<td>8 mm</td>
<td>10.3 kgs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>HG8C</td>
</tr>
<tr>
<td>HG8G</td>
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<td>HG8S</td>
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<td>HG8U</td>
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<tr>
<td>Finish</td>
</tr>
<tr>
<td>CorTen</td>
</tr>
<tr>
<td>Galvanised</td>
</tr>
<tr>
<td>Stainless Steel</td>
</tr>
<tr>
<td>Untreated steel</td>
</tr>
</tbody>
</table>

In addition to the wide range of stock sizes available is the capability for custom made steel edgings. Call our team to discuss your project and discover how HiGrade can deliver the ultimate steel edging solution.

Additional Services

Bespoke Fabrication
Where circles or symmetrical curved shapes are required we recommend utilizing our pre-forming service to ensure an accurate result.

For more information about our project support services please contact our technical team on +44 (0)1580 830 688 or visit kinley.co.uk

Powder Coating
For that extra special result we can also apply our Armacote™ powder coating to any RAL colour to provide the ultimate outstanding result.
Perimeta
HiGrade Bespoke

Bespoke 6 mm pre-formed steel panel system

Bespoke steel edgings for prestigious projects requiring maximum strength and durability. The HiGrade Bespoke 6 mm system is the ultimate option for creating a retaining wall structure to almost any design. This system can be formed to curved or straight designs and reduce or increase in height throughout the length.

**Use it for:**
- Bespoke shaped planters
- Landscape retaining walls
- Podium or terrace planting areas

**Advantages:**
- High quality panel system available in bespoke sizes
- Can be pre-formed to curved or straight designs
- Available in CorTen or powder coated finishes
- Simple to assemble on site
- Supplied with triangular support brackets and hidden connections

Example layout only
Perimeta
HiGrade
Bespoke
Bespoke 6 mm pre-formed steel panel system

Design parameters:

- Individual sections up to 3 m long
- Height range is from 300 mm - 1500 mm
- Height can be consistent or varied but the bottom edge must always sit level (this will mean a stepped Foundation if going up a slope)
- A range of finishes
- Endless opportunities for shapes!

Finishes:

- Galvanised
- CorTen (supplied to site unweathered)
- Ready-to-paint
- Armacote™ powder coating to any RAL colour
- For special requests contact our technical team to see if it is available

How it works:

Step 1. Design your inspired place
Step 2. Send your concept plan to Kinley or request a consultation
Step 3. Kinley advise on how to make it possible
Step 4. Kinley provide detail costing
Step 5. Your design is supplied in preformed sections to site. Site support is available if required.
Step 6. Enjoy your inspired place made possible by Kinley!

Contact us for samples & prices: t: +44 (0)1580 830 688 e: sales@kinley.co.uk

Example layout only

CAD drawings and technical support available

kinley.co.uk
ExcelEdge
Contour

Heavy duty steel angle edging

The heavy duty roll topped steel edging for Parks, Public Realm and Building Perimeters. Available in flexible or rigid format, 150 mm profile height, in galvanised or CorTen steel, Contour is the edging of choice for demanding, heavy traffic locations. Its stability relies on securing it to a compacted substrate (e.g. MOT Type 1) with 250 mm steel spiral fixing stakes.

Advantages:

- Strong and robust
- Rolled top – no sharp edge
- Flexible
- Bespoke design & support
- Fast simple installation
- Available in CorTen or galvanised steel

Use it with:

- Lawn edging
- Paths/Drive edging

In parks, public realm and around building perimeters it copes with the edging demands or demarcation of asphalt, rubber coating or other hard landscape surfaces.

For further technical installation detail go to our website kinley.co.uk
**ExcelEdge**

**Contour**

Profile height: 150 mm

Thickness: 3 mm and 6 mm

---

**3 mm thickness**

*Flexible* Heavy steel edge restraint

<table>
<thead>
<tr>
<th>Finish Code</th>
<th>Finish</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO3FC</td>
<td>CorTen</td>
<td></td>
</tr>
<tr>
<td>CO3FG</td>
<td>Galvanised</td>
<td></td>
</tr>
</tbody>
</table>

**CO3RC**

Finish: CorTen

**CO3RG**

Finish: Galvanised

---

**150 mm profile height**

**6 mm thickness**

*Rigid* edge restraint in heavy duty steel

<table>
<thead>
<tr>
<th>Profile height</th>
<th>Weight per length</th>
<th>Fixings</th>
</tr>
</thead>
<tbody>
<tr>
<td>150 mm</td>
<td>7.5 kgs</td>
<td>7no. Spiral spikes x 250 mm</td>
</tr>
</tbody>
</table>

**CO6RC**

Finish: CorTen

**CO6RG**

Finish: Galvanised

---

**6 mm thickness**

*Flexible* edge restraint in heavy duty steel

<table>
<thead>
<tr>
<th>Finish Code</th>
<th>Finish</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO6FC</td>
<td>CorTen</td>
<td></td>
</tr>
<tr>
<td>CO6FG</td>
<td>Galvanised</td>
<td></td>
</tr>
</tbody>
</table>

**CO6FC**

Finish: CorTen

**CO6FG**

Finish: Galvanised

---

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Kinley.co.uk

---

Book your free lunch-time CPD presentation or download the technical drawings by going to the resource centre on our website kinley.co.uk
Gravel stabilisation panels

The intelligent design utilises a containment cell system together with an open mesh base which not only allows the free draining of water but also prevents the build up of silt and fine debris within the gravel containment cell.

Loose aggregate surfacing is a highly popular and cost effective method of creating an attractive hard landscape finish to paths, driveways and parking areas. The porous nature of loose aggregate or "gravel" makes a valuable contribution to a SUDS scheme as well as being lower cost than bound gravels or other porous hard landscape surfaces. The issues with loose gravels are well known: gravel migration and rutting, difficulty in walking, cycling, or pushing small wheeled vehicles have all been key challenges for using gravel in many locations. Using loose aggregate within a stabilisation panel makes a highly cost effective hard landscape surface.

Use it with:
- Paths
- Driveways
- Car parks
- Cycle paths

Gravelrings
Gravel stabilisation panels
Gravelrings

Gravel stabilisation panels

that is aesthetically pleasing, very fast to install and easy to maintain. The stabilised gravel creates a surface over which it is easy to walk, cycle, or push small wheeled equipment such as wheelchairs or lawn mowers.

Even with a traditional compacted sub base (typically MOT Type 1), Stabilised Gravel Surfacing creates a free-draining permeable paving layer which, other than in the most extreme rainfall conditions, eliminates water run-off from the paved surface. This is a major contributor to reducing demand on surface water drainage capacity. The system can also be used as part of a fully permeable hard landscape construction, establishing a stable top surface, over a purpose-designed permeable drainage layer, or water harvesting installation.

AluExcel installation with Gravelrings

One common application for the AluExcel is as an edging restraint for an area with cellular gravel containment systems such as our Gravelrings stabilisation panels. Gravel is spread over the panels allowing 10-15 mm coverage over the top edge to completely conceal the rings, flush with the top edge of the AluExcel 40 mm edging.

For further technical installation detail go to our website kinley.co.uk

Advantages:

- Fully permeable hard landscape layer
- Effectively contained and stabilised gravel surface
- No sinking, rutting or gravel migration
- Excellent load bearing capacity suitable for pedestrian and vehicular traffic

Technical Data

<table>
<thead>
<tr>
<th>Translucent white: GR25T</th>
<th>Black: GR25B</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application:</strong></td>
<td>Pedestrian and vehicular traffic</td>
</tr>
<tr>
<td><strong>Panel Size:</strong></td>
<td>500 x 500 mm – assembled and delivered in 1 m² panels</td>
</tr>
<tr>
<td><strong>Panel depth:</strong></td>
<td>25 mm</td>
</tr>
<tr>
<td><strong>Gravel demand:</strong></td>
<td>45 - 50 kgs per square metre</td>
</tr>
<tr>
<td><strong>Weight bearing capacity:</strong></td>
<td>&gt;350 tonnes per square metre</td>
</tr>
<tr>
<td><strong>Containment cell diameter:</strong></td>
<td>25 mm</td>
</tr>
<tr>
<td><strong>Material thickness/ weight:</strong></td>
<td>2 mm / 2.24 kg/sqm</td>
</tr>
<tr>
<td><strong>Recommended gravel size:</strong></td>
<td>6 mm - 20 mm</td>
</tr>
<tr>
<td><strong>Drainage Capacity SUDS compliance:</strong></td>
<td>Fully permeable</td>
</tr>
<tr>
<td><strong>Raw material:</strong></td>
<td>100% UK made recycled HDPE – fully UV stabilised</td>
</tr>
<tr>
<td><strong>Colour:</strong></td>
<td>Semi-translucent white or solid black</td>
</tr>
<tr>
<td><strong>Chemical resistance:</strong></td>
<td>Resistant to most chemicals and environmental aggression</td>
</tr>
<tr>
<td><strong>Design Protection:</strong></td>
<td>OHIM Registered Design EU (Certificate No. 001928888-0001)</td>
</tr>
</tbody>
</table>

- Fast and easy to install
- Weed resistant low maintenance surface
- Invisible once installation is complete
- Lightweight
- Recycled and recyclable material
- Easily cut to shape
- Versatile panel size and configuration
Case Studies

Crossrail Place Roof Garden
London, UK

Handyside Gardens
London, UK

Chapelton of Elsick
Aberdeenshire
UK

City Walk
Dubai, UAE
Crossrail Place
Roof Garden
London, UK

Flexible edging creates winding paths at tropical roof garden in £500 million Canary Wharf project.

Canary Wharf is home to London’s largest Crossrail station. At 115,000 sq ft, the six storey complex partially extends below water level at the West India Quay and houses one of the largest rooftop gardens in the capital.

Foster + Partners designed the roof structure and cladding that houses the station’s leisure complex. Beneath the 310-metre hood style roof is a garden, featuring a number of exotic plants. Gillespies, which previously designed the sloping garden at 20 Fenchurch Street, was chosen to lead the project.

Featured in the plans were several curved paths designed to lead visitors around the garden. This meant that edging was required that would be strong enough to withstand increasing amounts of pedestrian traffic but also flexible enough to fit the curved design.

As a lightweight aluminium, AluExcel is significantly stronger than other edging materials. Traditional edging typically uses bulky concrete pin kerbs which waste valuable space due to their size and the fact that they have to be bedded and supported with concrete. The pin kerbs are also much heavier; one person can lift only one metre. In comparison, 25 metres of AluExcel can be lifted at once, making it an ideal solution for architects and contractors.

To find out more, see the full case study in the Resource Centre on our website kinley.co.uk

Products used to make this project possible:

ExcelEdge AluExcel
Aluminium angle edging

For AluExcel product details see page 10
City Walk
Dubai, UAE

Rigid aluminium edging used to preserve and emphasise the crisp, straight paths featured in this extensive project.

City Walk is an urban living concept developed by Meeras Holding, situated in Dubai. It is a stunning outdoor destination that offers visitors a unique mix of retail and gourmet outlets. The first phase, with 52 outlets, 350 metres of uninterrupted retail frontage and 600 parking spaces was opened in 2013. Phases 2 and 3, themselves subdivided and under construction will more than double the total amenity. Flanked by a grand tree-lined walk evocative of European streets plus a unique lake and water feature, the venue hosts intimate concerts, weekly markets and exhibitions which enhance the overall appeal of the outdoor lifestyle concept. With splendid views of the Burj Khalifa in the background, City Walk offers a sensational shopping and dining environment.

To preserve and emphasise the crisp straight lines which are a feature of the extensive and attractive landscaping, rigid AluExcel aluminium edging was specified due to its superior appearance and whole-life costing in comparison to more traditional products.

City Walk’s unique concept and dynamic mix of retail outlets is certain to appeal to residents and tourists alike. The project aims to be a major attraction for visitors from other parts of the UAE and the wider region.

To find out more, see the full case study in the Resource Centre on our website kinley.co.uk

Products used to make this project possible:

ExcelEdge AluExcel
Aluminium angle edging

For AluExcel product details see page 10
Contact us for samples & prices:
t: 01580 830 688  e: sales@kinley.co.uk

Chapelton of Elsick
Aberdeenshire
UK

AluExcel supports footpaths forming part of new pedestrian-scaled
neighbourhoods just south of Aberdeen.

Chapelton of Elsick is a visionary development near Aberdeen. Led by Elsick Development Company and designed by renowned architects, Duany Plater-Zyberk, the £2 billion scheme includes plans for over 8,000 homes, space for leisure and business facilities, schools and parks.

Benton Scott Simmons wanted to avoid using straight lengths of concrete kerbing on the numerous Chapelton footpaths as it results in a faceted edge. Instead, AluExcel was selected because it allowed the architects to incorporate more diverse geometries as the material could be supplied pre-formed to specific radii or manipulated on site where necessary.

During the installation of AluExcel, Kinley worked closely with W M Donald to ensure it was a success. Once a method of working was devised that took account of the construction sequence on site, the organic shapes on the grass verges, a characteristic of the Chapelton masterplan, were achieved.

Due to the scope and scale of the development, it was vital that Kinley remained involved throughout the entire project. From assisting with obtaining approvals from Aberdeenshire Council, to providing on-site support, Kinley played a central role in ensuring the use of AluExcel edging was a success.

It is hoped that this project will set a precedent and highlight the benefits of large-scale use of flexible aluminium edging.

To find out more, see the full case study in the Resource Centre on our website kinley.co.uk

Products used to make this project possible:

**ExcelEdge AluExcel**
Aluminium angle edging

For AluExcel product details see page 10
King’s Cross is one of the biggest and most exciting areas to be redeveloped in London. 67 acres of unused wasteland is being transformed into a brand new community, complete with its own postcode. The project includes 50 new buildings, 1,900 homes and numerous leisure, business and education facilities.

Handyside Gardens is a beautiful pocket of land with stunning landscapes, minutes from Granary Square and Regent’s Canal. Influenced by its railway surroundings, large planters have been incorporated into the design containing greenery that is typically found growing on railway embankments. HiGrade Bespoke Planters made from COR-TEN steel, a material used in the construction of railways in the industrial age, were installed in the park to create eye catching raised beds.

Due to the large numbers of people expected to visit the park daily, safety was paramount. King’s Cross Central General Partner specified that, in order to limit the risk of accidents occurring in the park, the top edge of the raised planters needed to be 50mm thick. This meant that the top capping had to be welded onto the planters on-site due to their varying sizes and curved shapes. Although this meant the installation process was much more labour intensive, it created an attractive end result.

To find out more, see the full case study in the Resource Centre on our website kinley.co.uk.

Raised planters feature in design of new public park influenced by the area’s railway heritage.

**Product used to make this project possible:**

**Perimeta HiGrade Bespoke**

Bespoke 6 mm pre-formed steel panel system

Landscape Architect: Townshend Landscape Architects
Contractor: Maylim Ltd
Application: HiGrade Bespoke Planter System features in innovative urban development

For HiGrade Bespoke product details see page 42
How we can help you achieve.

Book a CPD
We’re here to help you create amazing spaces for people to enjoy. That’s why at Kinley we offer training and support, covering all our products so you can get the most out of your project. We regard effective training as key to successful specification and installation of our products and we offer a range of training seminars to landscape architects and designers.

Visit the resource centre
An invaluable bank of information to make design and specification as simple and fast as possible. The resource centre includes:
- Technical CAD drawings
- Data sheets
- Installation guides
- Case studies
- Image gallery
- Videos

go to www.kinley.co.uk/resource-centre

Contact our technical team
For further information or to discuss your designs give us a call on +44 (0)1580 830688 or email sales@kinley.co.uk to discover how we can make your inspired places possible!
Our ranges

The Kinley edging is just part of our product portfolio which is as a result of our extensive experience of the landscape and terrace sector. It is based on a strong commitment to research and development and addresses the requirements of architects, installers and clients. Adding a steel planter to any external environment gives it a signature of style and creates the perfect finish to any amazing space.

Porcelain tiles are the ultimate surfaces when it comes to external terrace areas as they are extremely durable and we have a palate of beautiful finishes. Ideal for balconies, roof terraces and any elegant external design the composite decking is both contemporary and is virtually maintenance free. Our support structures answer the questions to many issues that arise when installing a terrace or podium design with build-up issues or just making it a whole lot more simple to install multiple surfaces on one level with a void beneath.

To find out more about our product ranges to suit the external terrace environment request the Kinley Terrace Book to see the complete package.

For more information about our other products and brands please contact our sales team:

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