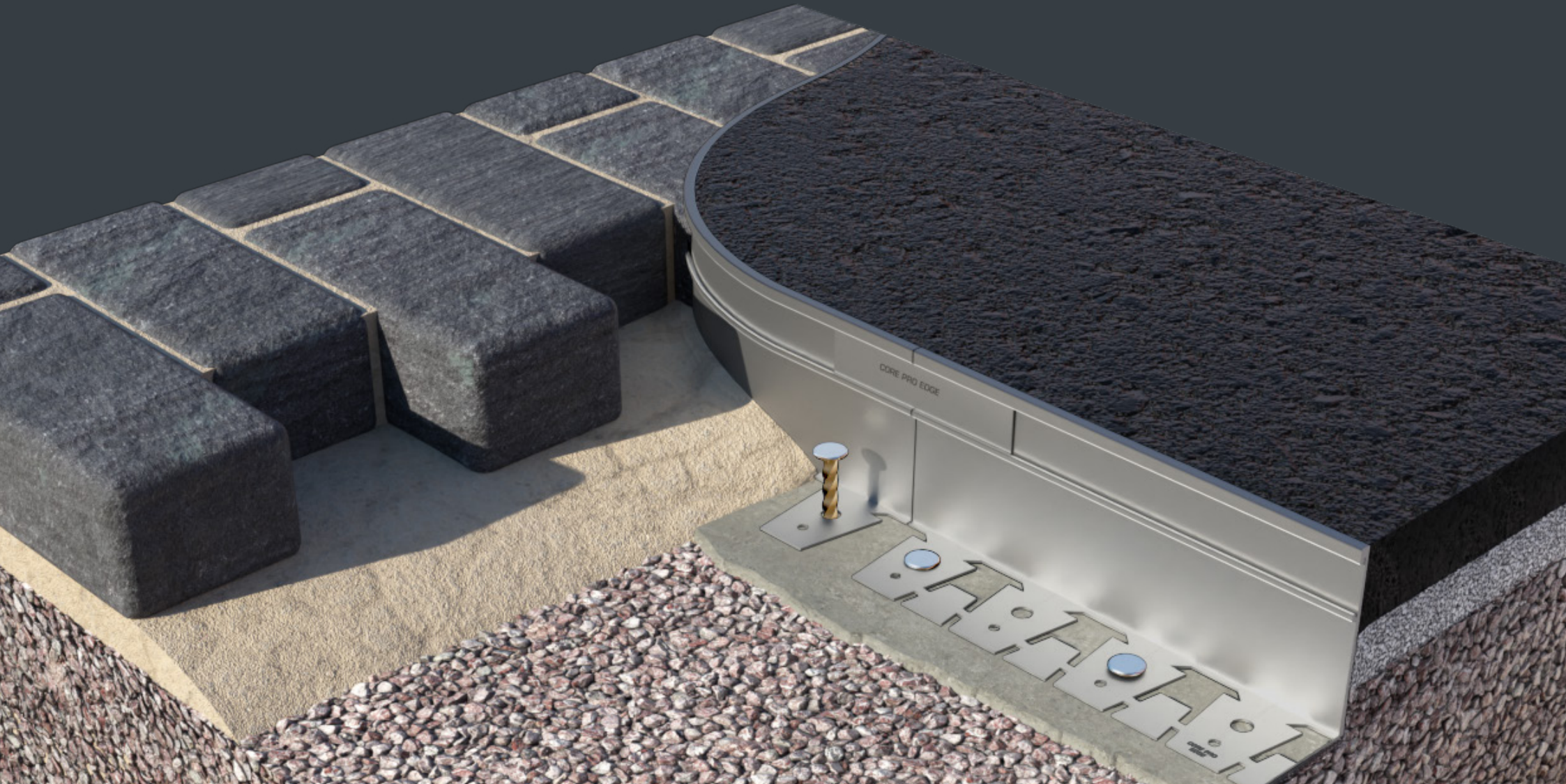


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Products

CORE PRO EDGE - Specification & Installation



THE PRODUCT

CORE PRO EDGE is a two-in-one aluminium edge restraint for a variety of hard landscape surfaces, available in four face heights in a 6063A marine-grade tempered anodised finish. The easy snap out tabs mean that you can create perfect straight lines and smooth sweeping curves where required - all from one profile.



USE WITH

- ✓ Resin Bound/Bonded Aggregates • Wet Pour Rubber / Safety Surfaces • Hot Macadam (up to 180°C)
- ✓ Porcelain Paving • Slabs and Paviours • Stabilised Aggregate / Loose Aggregate • Artificial Grass • Lawns, Flowerbeds & Borders

TECHNICAL DATA

Edging Height	18mm	24mm	65mm	100mm
Top Bead	5mm	5mm	6mm	6mm
Length	2200mm	2200mm	2200mm	2200mm
Foot Width	28mm	28mm	58mm	65mm
Available Finish	Anodised Aluminium or Powder Coated (to order)	Anodised Aluminium or Powder Coated (to order)	Anodised Aluminium or Powder Coated (to order)	Anodised Aluminium or Powder Coated (to order)
Recycled Content	Part Recycled / 100% Recyclable	Part Recycled / 100% Recyclable	Part Recycled / 100% Recyclable	Part Recycled / 100% Recyclable
Material Spec	6063A Aluminium	6063A Aluminium	6063A Aluminium	6063A Aluminium

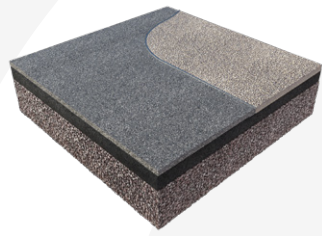
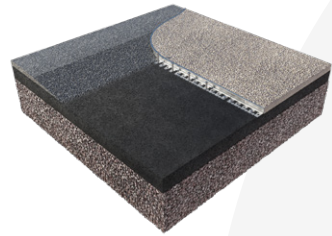
BENEFITS

- ✓ Highest quality marine grade architectural aluminium alloy
- ✓ Scratch-resistant anodised surface finish
- ✓ Re-engineered for maximum strength and versatility
- ✓ Create sweeping curves and straight lines from one profile
- ✓ Less waste, easy to install and unbeatable value

CORE PRO EDGE

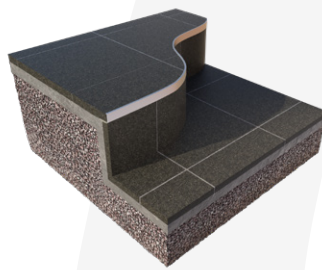
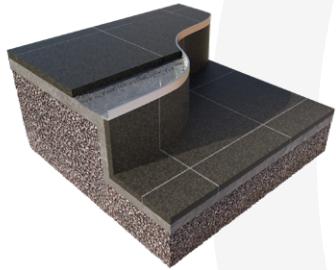
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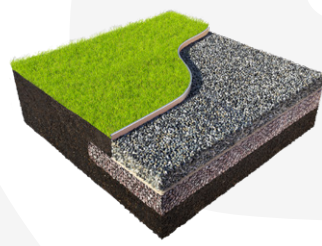
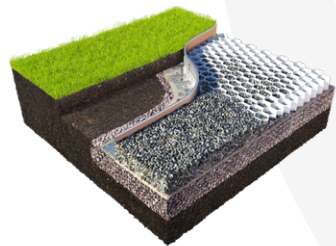
18mm

Our 18mm profile is commonly used during resin bound installations.



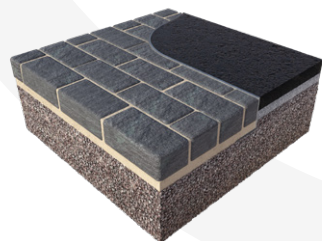
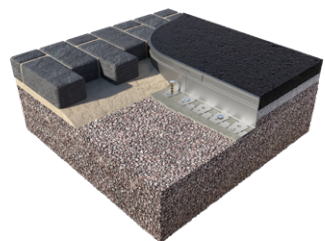
24mm

Our 24mm profile is perfect for porcelain paving installations.



65mm

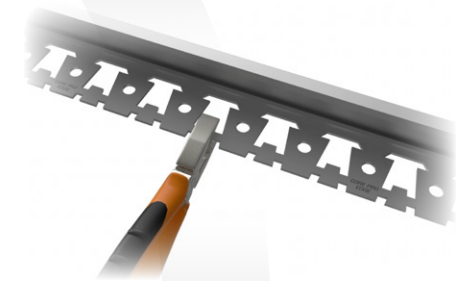
Our 65mm profile is ideal for edging lawns, natural stone, or gravel stabilisers (CORE DRIVE)



100mm

The 100mm profile is commonly paired with block paving or macadam - however, as with all of our profiles, they can be used for anything!

Easy-Snap™ Profile



CORE PRO EDGE

Specification & Installation

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Lay and thoroughly compact your sub-base material (e.g type one limestone) to the engineers specification. Sub-base material should extend around 100/150mm beyond the proposed line of the edging.



Set up a string line at the desired finish height for the top of the edging.



Lay a 20-30mm sharp sand/cement dry mix bedding layer onto the compacted subbase and trowel to a continuous even level. Measure down from your line at intervals to check your firmed bedding layer is at the correct level for your edging height.



Add a further 10mm sharp sand/cement dry mix bedding layer for the CORE PRO EDGE to be laid upon.



Place the edging onto the bedding layer, tap to level of the line and fix in place using the galvanised fixings through the preformed holes in the foot of the edging. Hammer fixings down securely.



If laying against soil for turfing or planting, create a shallow haunch towards the back of the edging onto and over the foot covering the fixing pins and smooth with a trowel.

*If paving into the aluminium landscape edging omit the haunch to allow room for the paviour or slab with its designated laying course.



Tools Required:

- Hammer
- Hacksaw /Angle grinder
- Spirit Level
- Tape measure
- Spray paint
- String line
- Shovel /Spade

Fixings:

- Edging Connectors
- 150mm Galvanised Spiral Pins
- 300mm Galvanised Spiral Pins

CORE PRO EDGE

Specification & Installation

MACADAM

Follow the install guide on previous page.

Lay macadam to manufacturers' guidelines.

Leave a 4-6mm gap between joined lengths of edging to allow for thermal expansion, hot macadam should not exceed 180 C

As with all edge restraints, ensure adequate haunching or additional hard surfacing is in place before heavy compaction of macadam courses.

Ensure the first pass of the roller is 50mm clear of edge restraint subsequent passes can then proceed closer to the edging, final pass on the wearing course can pass over the aluminium edging.



RESIN BOUND

Follow the install guide on previous page.

Screw and plug into an existing hard surface or spot stick to porous macadam.

Lay resin to manufacturers guidelines, directly up to CORE PRO EDGE, trowel and compact to a clean neat finish.



JOINING PRO EDGE

Join individual lengths using the connector strips supplied. Slide the connector into the channel on the rear of the profile, line up the next length of edging and slide the connector back halfway into the channel of the adjoining length.



Please do not hesitate to contact our technical team for further site-specific information on 0800 118 2278

Applications

CORE PRO EDGE is designed to edge and demarcate asphalt, resin bound, and other hard landscape surfaces. It is particularly suitable for use in parks, playgrounds, and around building perimeters. The product is made using Aluminium Alloy 6063A, a high-performance alloy that possesses a high natural resistance to corrosive conditions in normal environments. Additionally, it has a higher resistance to heat than other aluminium alloys, which makes it suitable for use with hot asphalt or tarmac surfacing up to 180°C.

Installation

For installation, we recommend using proprietary masonry fixings to mount the 18mm profile on bitmac base course, while all others can be mounted on compacted substrate (e.g., MOT Type 1) using 150mm or 300mm galvanised steel spiral fixing stakes. Other sub-base materials can also be used, and we encourage customers to contact our technical team to discuss their requirements. To ensure continual support of the edge restraint, a bedding layer of dry mix 3:1 sharp sand/cement is recommended. When mounting on existing asphalt or concrete, use masonry nails or screw and plug fixings. Lengths can be joined using the joining bars provided.

Storage & Handling

Our product is securely packed in a tailored single flute cardboard carton to ensure no movement of the product in transit, and each box is sealed with cross weave tape. Depending on the size/weight of the consignment, it may be palletized. We encourage customers to undertake an assessment of the health and safety risks involved in manual handling and take measures to reduce the risk of injury as far as reasonably practicable. Each person should be fully trained in manual handling techniques, and handling aids such as a trolley, forklift, pallet truck, or conveyor should be used if moving large volumes of cartons. Break up large consignments into more manageable loads and ensure that the product is stored at a reasonable height, avoiding the lifting of boxes from floor level or above shoulder height. Carrying distances of boxes should also be reduced.

PPE

We recommend the use of personal protective equipment (PPE) when installing CORE PRO EDGE, including good strong safety boots/shoes to protect the feet, protective eyewear such as safety glasses, strong gloves to protect the hands, and ear plugs or defenders if using loud cutting equipment.

Health & Safety

To comply with Health and Safety Regulations 1981, all construction sites should have 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, and a First-Aider who has undertaken training and holds an HSE approved qualification to administer first aid. The number of first-aiders will depend on the site, and information should be clearly displayed on site telling workers the name of the Appointed Person(s) or First Aider(s) and where to find them.

Fire Protection & Stability

CORE PRO EDGE is made using Aluminium Alloy 6063A, which does not burn and is not a fire hazard. This high-performance alloy possesses a high degree of strength, durability, and resistance to heat. Its natural ability to resist weathering, corrosion, rot, and decay is one of its most widely appreciated features. The Aluminium undergoes anodization, which provides a beautiful surface finish which is far more scratch resistant than standard mill-finish aluminium. The anodised finish is less reflective too, which in turn reduces glare from direct sunlight.

Environmental Credentials

Environmental sustainability is a top priority for us at CORE, which is why our CORE PRO EDGE product line is manufactured from a minimum of 80% recycled aluminium, making it 100% recyclable. This means that the whole life cost of our aluminium edging is minimized, as it is sold for recycling rather than disposal. To achieve the required mechanical strength, 20% virgin aluminium is blended with the recycled content to achieve the necessary alloy specification. Scrap aluminium is a valuable resource that can be recycled repeatedly.

There are ample raw materials available for aluminium production, with aluminium compounds comprising 8% of the Earth's crust in various forms. Bauxite is the primary source for aluminium production, and based on current rates of production, it is estimated that there is enough bauxite to last another 200 to 400 years, assuming no increase in the use of recycled aluminium and no further bauxite discoveries. Moreover, the increasing volume of recycled aluminium is decreasing the need for virgin alumina, thereby further reducing our environmental impact.

Further Information

Please do not hesitate to contact us to discuss your next project. For more information on the entire CORE product line, please refer to the Knowledge Centre on our website, www.corelp.co.uk, where you can find all of your downloads, install videos and case studies.

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