

Product Technical Data Sheet

ReclaimEdge Garden Edge System

1. Product Overview

Property	Detail
Product Name	ReclaimEdge Garden Edge System
Product Supplier:	ReclaimEdge Pty Ltd
Company Ownership:	100% Australian, ReclaimEdge Pty Ltd
Material	Manufactured from recycled HDPE sourced through Australian recycling supply chains.
Colour	Black
Application	Delineation between landscape surfaces, including grass to gardens, grass to gravel, grass to wet-pour rubber soft-fall.

2. System Components

2.1 Extruded Edge

Property	Specification
Profile	5mm Thick extruded reverse J-channel profile.
Width	20mm (top)
Height	100mm primary face (front), 25mm shorter face (rear).
Length	3000mm per unit.
Function	To separate adjoining landscape surfaces.
Colour & Finish	Black with light textured finish.
Material	92% Recycled HDPE from Australian recycling supply chains, with 8% glass fibre additive for strength and reduction of expansion and contraction in extreme climates.
Availability	Included in kits and sold separately as required.

2.2 Anchor Peg

Property	Specification
Profile	Patented locking head, saddle, and blade profiles.
Width	50mm
Thickness	16mm
Length	350mm
Function	Driven into ground; edge piece locks onto locking head profile. Designed to resist easy removal once installed.
Ground profile preference	Consolidated, non-compacted earth.
Limitations	Not suitable for rock, hard earth or compacted materials
Colour & Finish	Black with a smooth finish.
Max Spacing	1000mm centres
Material	92% Recycled HDPE from Australian recycling supply chains, with 8% glass fibre additive for strength.
Availability	Included in bundle packages and sold separately as required.

2.3 Straight Joiner

Property	Specification
Profile	Flat with integrated locking head and bottom retention channel.
Width	16mm
Length	350mm
Function	Connects extruded edge lengths end-to-end.
Colour	Black with a smooth finish.
Material	Recycled HDPE from Australian recycling supply chains.
Availability	Included in kits and sold separately as required.

2.4 Adjustable Joiner

Property	Specification
Profile	Two hinged wings with integrated locking head and bottom retention channels.
Width	16mm
Length	200mm
Function	Connects edge pieces at angles, forms crisp corners, and allows extruded edge length off-shoots stemming from the back of an edging run.
Colour	Black with a smooth finish.
Material	Recycled HDPE from Australian recycling supply chains.
Availability	Not included in kits. Sold separately as required.

2.5 Anchor Peg Installation Handle

Property	Specification
Profile	Handle with hand grip, neck and cup head that fits over the top of the anchor peg's locking head.
Width	60mm
Length	330mm
Function	Required to protect anchor head profile from distortion whilst driving anchor pegs into the ground
Colour	Black with a smooth finish.
Material	Recycled HDPE from Australian recycling supply chains.
Availability	Included in kits and sold separately as required.

3. Kit Options

Kit	Total Edging Length
12m (Minimum order)	12 metres, includes four extruded edge lengths, thirteen anchor pegs, three straight joiners, and one anchor peg installation handle.
24m	24 metres, includes eight extruded edge lengths, twenty-five anchor pegs, seven straight joiners, and one anchor peg installation handle.

Kit	Total Edging Length
36m	36 metres, includes twelve extruded edge lengths, thirty-seven anchor pegs, eleven straight joiners, and one anchor peg installation handle.
Bulk orders over 100m	100+ metres, includes required quantities of extruded edge lengths, required quantities of anchor pegs, required quantities straight joiners, and required quantities anchor peg installation handles.
Additional Anchor Pegs	Where a project requires anchor pegs to be installed at spacings closer than 1000mm, additional pegs will be required and are available separately.
Adjustable Joiners	Where a project requires corners or off-shoots to be installed, adjustable joiners will be required and are available separately.

4. Installation Specification

4.1 Finished Height

Adjoining Surface	Suggested Height
Natural Grass	Finish top of edge 15mm above typical mown grass.
Synthetic Grass	Finish top of edge 5mm below top of synthetic grass fibres.
Wet Pour Rubber	Finish top of edge flush with wet pour rubber.
Mulch	Finish top of edge 15mm above finished mulch layer.

4.2 Anchor Peg Spacing

Anchor pegs shall be installed at a maximum spacing of 1000mm. Closer spacings may be used for curved runs or to strengthen the extruded edge lengths against activities such as foot traffic, repeated bumping from machinery, and adjoining compacted landscape materials.

4.3 Peg Orientation

On flat ground, anchor pegs shall be driven perpendicular to the ground plane.

On undulating terrain, anchor pegs must be installed perpendicular to the ground plane at each peg location, not driven vertically.

4.4 Layout Capability

Layout Type	Supported
Straight runs	Yes.
Curved runs	Yes, 1.5m advised minimum radii.
Undulating terrain	Yes, gradually flex extruded edging vertically over 3m+.
Angled joins & corners	Yes (adjustable joiner 30° - 300°).
Edge piece off-shoots	Yes (adjustable joiner 25° - 155°).
Expansion Allowance	Up to 5mm recommended gap between edge piece joins for extreme hot and/or cold site temperature conditions.

4.5 Installation Method

1. Mark out the edging line.
2. Measure out the anchor peg placements starting from 50mm, then 700mm, then 1000mm thereafter, to ensure the peg placements are in-sync with the placement of the straight joiners.
3. Wearing eye protection and gloves, utilise the anchor peg installation handle to hold the anchor peg straight and perpendicular to the ground plane while driving the anchor pegs into the ground.
4. Layout extruded edge lengths and straight joiners along the require alignment.
5. Join extruded edge lengths end-to-end using straight joiners or adjustable joiners.
6. Place joined extruded edge lengths over the top of the anchor pegs.
7. Lock joined extruded edge lengths onto the locking head of each anchor peg.
8. Backfill in front of and behind the extruded edge to lock the bottom of the extruded edge length in place, and lightly compact.
9. Confirm top of installed edging finishes above adjoining surface finishes as suggested.
10. Install adjoining landscape materials to complete installation.

5. Material Properties

Property	Detail
Base material	Recycled HDPE
Source	Australian recycling supply chains
UV resistance	Carbon black UV stabilised (accelerated weathering data in progress)
Salt resistance	Yes. HDPE is an inert, non-polar polymer that salt will not chemically react with.
Design life	Formal service life testing in progress. Carbon black UV stabilisation and HDPE base material are established for multi-decade outdoor durability in comparable applications.
Recyclable at end of life	Yes (Commercial plastic recyclers).

6. Notes

- 1 All components are manufactured in Australia, with material sourced from Australian recycling supply chains, supporting local industry and circular material use.
- 2 The anchor peg installation handle is a required tool to protect the locking head of the anchor peg.
- 3 CAUTION: Eye protection and sturdy gloves must be worn at all times during the hammering in of each anchor peg to provide protection from potential eye injuries.
- 4 The ReclaimEdge system is suitable for a wide variety of residential and commercial projects.