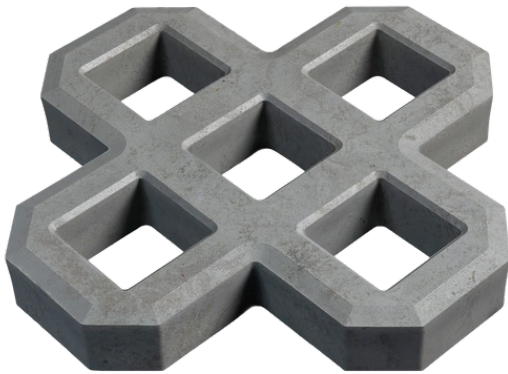




Pelagic.Grid

Technical Product Data

Contemporary designed, extremely durable, unique textures
Made from end-of-life plastics.



Colour and
Finishes

Greyscale / Titanium / Marble / Ochre / Sand



Custom options by batch order

Material

Recycled polymer composite
Recycled ocean plastic composite

Dimensions

340mm x 340mm x 55mm [Standard]

Weight

4.9kg / unit

Per m²

9 units / 44.1kg

Designed to Australian Standards

AS/NZS 4455.1

Masonry units, pavers, flags, and segmental retaining wall units → Compressive strength

AS 4455.2 – AS/NZS 4456.3

→ Length/width/thickness/squareness/flatness)

→ Dimensional tolerance

AS/NZS 4456.15

→ Flexural (bending) strength

AS/NZS 4456.4 – AS/NZS 4456.5

Masonry Units and Segmental Pavers - Methods of test

AS/NZS 4456.14

Water absorption

AS 4586

P4 slip resistance classifications of new pedestrian surface material [outdoor driveways, footpaths]

AS1428.1

General requirements for access(access to premises).
Floor or ground surfaces on continuous paths of travel and circulation spaces (general, abutment of surfaces)

European Standards

CE certified core machinery (high rated environmental and emissions testing)

Australian Research Council

ARC / TREMS partner June 25 - ongoing
Material testing partner

Material testing completed and results verified by Melbourne University through Australian Research Council / TREMS program



Pelagic.Grid

Pelagic Grid pavers are engineered from upcycled plastics. Contemporary designed, extremely durable, unique textures and incredible material performance.

Integrated / Permeable

Designed to integrate into your landscape with any planting; permeable, structural and flood resistant

Robust

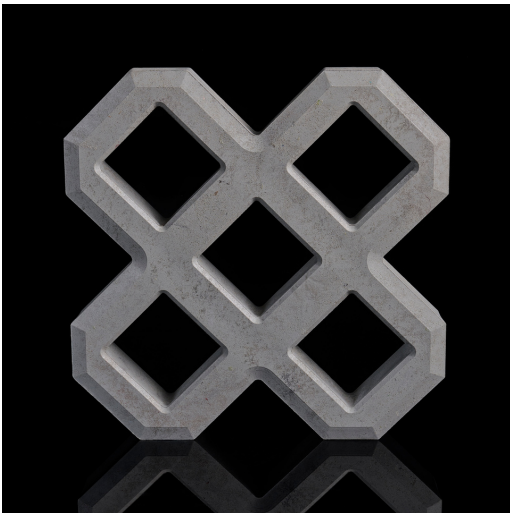
Tough. High compressive strength, flexural strength and shock absorption.

Usable

Lighter than standard concrete, easier to handle and lay. Easier to transport and don't break.

Colour

Greyscale / Titanium / Marble / Ochre / Sand



Custom colour available upon request.

Please note that our products come in unique gradients and process-based textures, giving them a beautiful overall aesthetic.

Depth

Pelagic.Grid comes in two thicknesses: 55mm/ 65mm - Light vehicular, pedestrian and heavy vehicular, high impact area.

Installation

Install using standard paving and landscaping methods on sand base and/or using mortar.

Suitable for:

- Public spaces
- Pedestrian pathways and edging
- Light-traffic zones
- Custom sizing available rated for heavy vehicle use

Ecological Impact

Pelagic.Grid is made from 100% recycled regionally sourced material, creating a net carbon saving of 74.9kgCO₂e per m² of product.

This is led by Pelagic's unique manufacturing model, co-locating production alongside feedstock processing, and utilising energy efficient manufacturing to produce quality products that sequester plastic and lock away carbon.

Independent LCA modelling conducted by University of Melbourne as part of TREMS/ARC in August 2026, based on manufacturing in our Kundle Kundle production hub.

Hydrophobic; does not absorb water, mould resistant



Not brittle; does not break under pressure



Locally manufactured, regionally sourced feedstock



Long lasting, impact resistant, increased toughness



Zero water required in core manufacturing process



Designed and made locally in Taree, lightweight and low transport emissions





Pelagic.Pave

Technical Product Data

Contemporary designed, extremely durable, unique textures
Made from end-of-life plastics.



Standard

Colour and Finishes	Greyscale / Titanium / Marble / Ochre / Sand
	    
	Custom options by batch order
Surface	Plane / Delta
Material	Recycled polymer composite Recycled ocean plastic composite
Dimensions	230mm x 114mm x 50mm
Weight	1.95kg
Per m ²	42 units / 82kg

Designed to Australian Standards

NATA ACCREDITED	AS/NZS 4455.1	Masonry units, pavers, flags, and segmental retaining wall units → Compressive strength
	AS/NZS 4456.4 – AS/NZS 4456.5	Masonry Units and Segmental Pavers - Break load
	AS/NZS 4456.14	Water absorption
	AS 4586	P3/P4/P5 slip resistance new pedestrian surface material [outdoor driveways, footpaths]
	AS4456.9	Material Abrasion
AS 4455.2 – AS/NZS 4456.3		→ Length/width/thickness/squareness/flatness → Dimensional tolerance → Flexural (bending) strength
AS1428.1		General requirements for access(access to premises). Floor or ground surfaces on continuous paths of travel and circulation spaces (general, abutment of surfaces)
European Standards		CE certified core machinery (high rated environmental and emissions testing)
Australian Research Council		ARC / TREMS partner June 25 - ongoing Material testing partner
  		Material testing completed and results verified by Melbourne University through Australian Research Council / TREMS program



Pelagic.Pave

Pelagic structural pavers are engineered from upcycled plastics. Contemporary designed, extremely durable, unique textures and incredible material performance.



Colour & Texture

Custom colour and texture available upon request.

Please note that our products come in a spectrum of colours and textures, giving them their uniqueness and a beautiful overall aesthetic.

Depth

Pelagic.Pave comes in multiple thicknesses. Depending on your site needs and the application, we can provide you with ultra-strong thinline (25mm) through to vehicle grade (65mm).

Accessible

Suitable for public spaces, pedestrian pathways and both light and commercial vehicle traffic options.

Robust

Tough. High compressive strength, flexural strength, and shock absorption.

Usable

Lighter than standard concrete, easier to handle and lay. Easier to transport and don't break.

Hydrophobic; does not absorb water, mould resistant



Locally manufactured, regionally sourced feedstock



Long lasting, impact resistant, increased toughness



Zero water required in core manufacturing process



Surface Options

Pelagic.Pave launches with two options for surface texture (and a third on it's way). Plane provides enhanced and refined material finish; Delta provides texture and en masse a unique ripple effect.

Installation

Install using standard paving and landscaping methods on sand base and/or using mortar.

Suitable for:

- Public spaces
- Pedestrian pathways and edging
- Light-traffic zones
- Custom sizing available rated for heavy vehicle use

Ecological Impact

Pelagic.Pave is made from 100% recycled regionally sourced material, creating a net carbon saving of 144.3kgCO₂e per m² of product.

This is led by Pelagic's unique manufacturing model, co-locating production alongside feedstock processing, and utilising energy efficient manufacturing to produce quality products that sequester plastic and lock away carbon.

Independent LCA modelling conducted by University of Melbourne as part of TREMS/ARC in August 2026, based on manufacturing in our Kundle Kundle production hub.