



Pelagic.Pave

Technical Product Data

Contemporary design to the highest standard. Made from end-of-life diverted plastics.



Standard

Colour and Finishes	Greyscale / Titanium / Marble / Ochre / Sand  Custom options by batch order
Surface	Plane / Delta / Stripe
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

AS1428.1

ACCESSIBILITY

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

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]

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.

Accessible

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

Robust

High compressive strength, flexural strength and shock absorption.

Usable

20% lighter than standard concrete, easier to handle and lay.



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).



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.

Hydrophobic; does not absorb water



Not brittle; does not break under pressure



Locally manufactured, regionally sourced feedstock



Long lasting, impact resistant, increased toughness



Zero water required in manufacturing process



Designed and made in Australia



Installation

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

Suitable for:

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