

Meet Pelagic.Earth

End of Life Plastic Manufacturing

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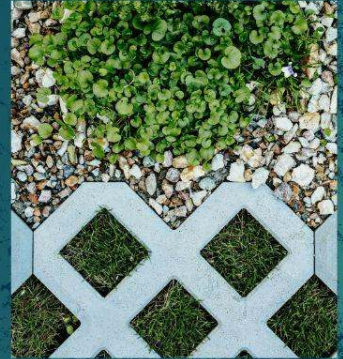
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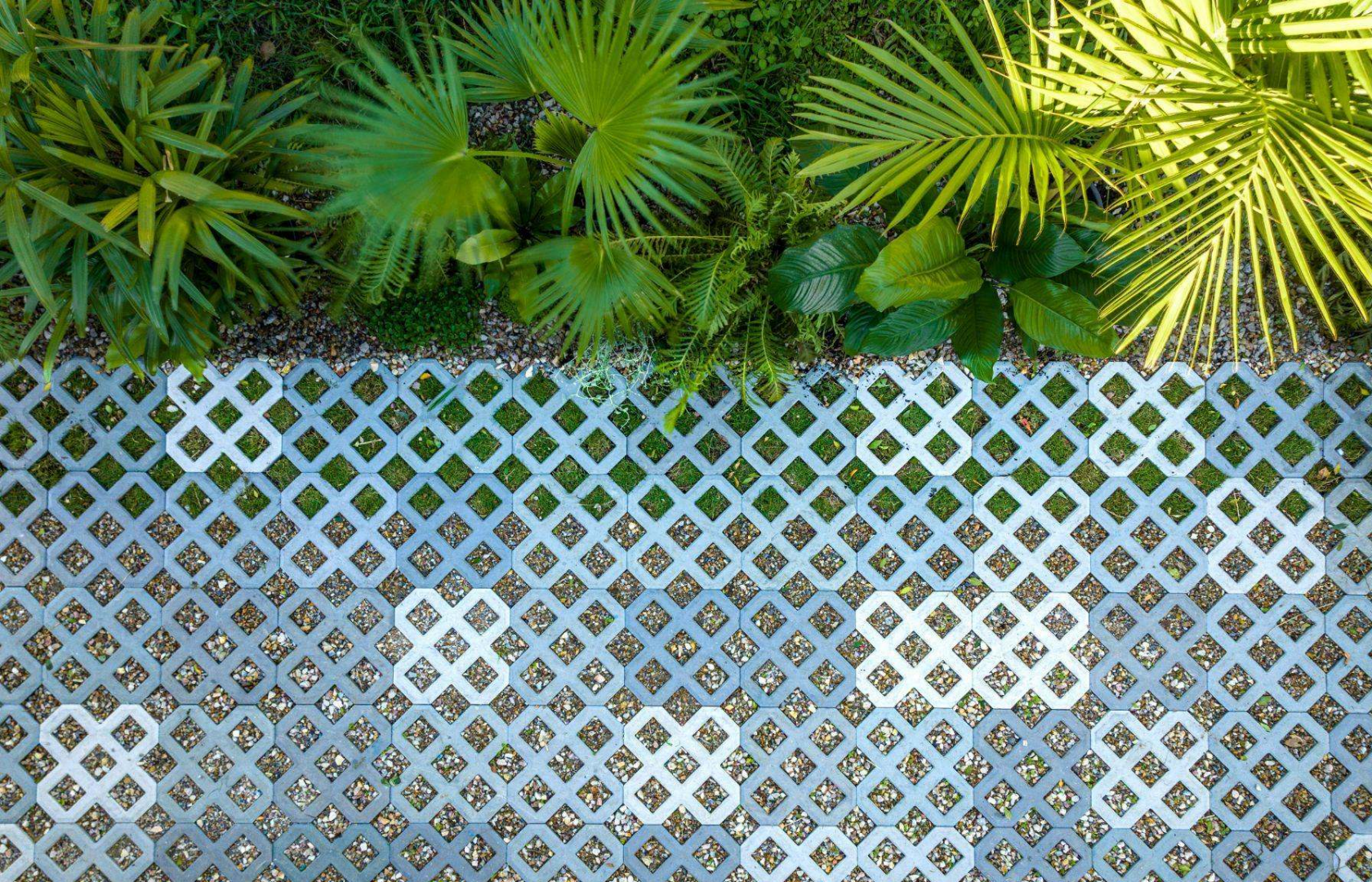


Pelagic.Earth exists to
reframe plastic waste as a
valuable resource.

We turn hard to recycle
plastic waste and ocean plastics
into durable, high-performing,
contemporary designed building
materials.



Pelagic.Earth





Pelagic.Earth

Official TREMS Industry Partner - The ARC Industrial Transformation Research Hub for Transformation of Reclaimed Waste Resources to Engineered Materials and Solutions for a Circular Economy

The Pelagic formula is made of 100% recycled content and creates a stable, resilient and robust material and refined consistent product.

Our exclusive technology is well proven over decades of specialist recycling and benchmarked globally; our customisation ensures it is optimised for soft plastics and Australian context.

Benchmarked products globally provide a 50-year warranty (ours is pending).

- NATA certified
- Designed to Australian Standards
- EPD pending
- LCA certification/tool in progress





Pelagic.Circularity

Waste Diversion ✓

Carbon Reduction ✓

Water Conservation ✓

Circular Economy ✓

Local Production ✓



Material Performance

Hydrophobic; does not absorb water, mold resistant ✓

Not brittle; does not break under pressure ✓

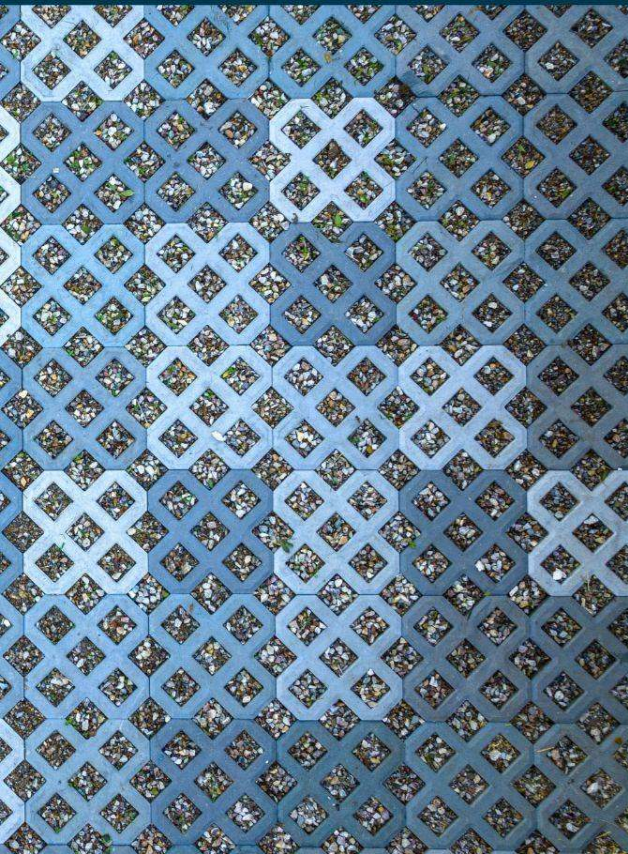
Locally manufactured, regionally sourced feedstock ✓

Long lasting, impact resistant, increased toughness ✓

Zero water required in manufacturing process ✓

Designed and made locally, lightweight and low transport emissions ✓

4 products available



Permeable

Decreases erosion and increases drainage. Designed to integrate into your landscape with any planting or aggregate.

Robust

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

Usable

Lighter than standard concrete, easier to handle and lay. Easier and cheaper to transport.

Local

Locally manufactured, regionally sourced feedstock.





Grid.

Specifications

UNITS PER M² 9

TENSILE STRENGTH

7.5 kN

+2.5 [standard]

UV WEATHERING

1000hr

RECYCLED CONTENT

100%

COMPRESSIVE STRENGTH

6 kN

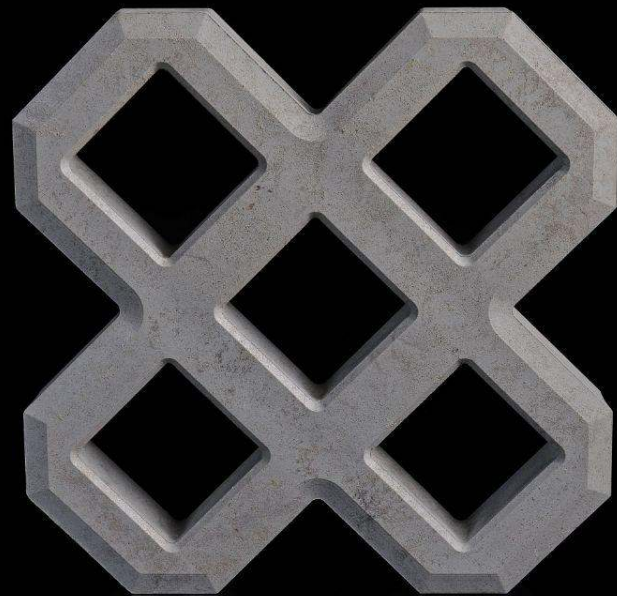
+1 [standard]

COLOURS AND FINISHES

Greyscale / Titanium / Marbled /
Ochre / Sand

COMPLIANCE

Designed to exceed
Australian Standards
NATA certified material



High compression strength and flexural strength, designed to the highest quality and standard.

100% recycled content. Each metre of Grid removes over 15+kgs of plastic from the environment and sequesters 150+kg Co2*.



“Function-wise, they’re strong as.
The kids just absolutely thrash
them on the motorbikes and
bikes...

**They’re tough, they’re rough.
And they’re beautiful.”**





We don't just make
building products.



We deploy modular
factories to create
sustainable, reliable local
products and
supply chains.



