

Zeostone

The Low CO₂ **Paver Company**

A concrete fact:
Zeostone Pavers
reduce the carbon
footprint by 50%.*

*Netbalance Lifecycle Assessment report, Dec 2007

an Australian made solution

Zeostone pavers are made in Australia using geopolymer technology as a replacement for cement. Zeostone pavers meet the needs of consumers for a premium quality paver, with 50% reduced environmental impact and improved resistance to fire, efflorescence, abrasion and aggressive chemicals.

Zeostone is an Australian innovation that minimises the use of cement to produce premium quality eco-friendly pavers.

- Concrete is the world's second most used commodity after water.
- It's also one of the most environmentally harmful.
- Cement is 10 – 15% of concrete but 70% of its carbon footprint.
- Around 1kg of CO₂ is emitted to produce 1kg of cement.

the technology

Zeostone Pavers use industrial by-products from power stations and iron-making as well as concrete waste to reduce the environmental impact of our products by:

1. reducing CO₂ emissions by 50% and;
2. increasing recycled content.

Our technology has grown rapidly in the last decade with applications in the construction, architectural and refractory industries.

global impact of cement

Making a kilogram of cement produces approximately 0.9 kilograms of CO₂. 5 – 8% of global CO₂ emissions are from cement manufacture, making it the third most polluting activity of mankind.

swatch samples



Bluestone



Buff



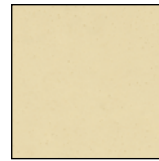
Creamstone



Gumleaf



Kalamatta



Latte



Limestone



Mocha



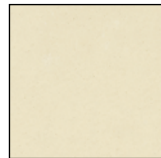
Moss



Olive



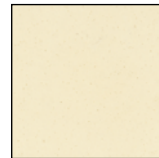
Patio



Pearl



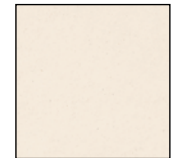
Slate



Vanilla



White Lime

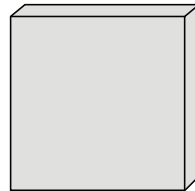


White Opal

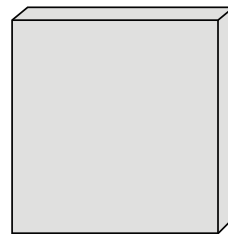
quick technicals

- Breaking load: 5.6kN (AS4456.5-2003)
- Slip resistance rating: 'V' – Very low (AS4586-2004 Appendix A)
- Mean Abrasion Index: 3.9 (AS4456.9-2003)
- Salt resistance: 'Exposure Grade' – No signs of particle disintegration after 40 cycles (AS4456.10-2003)
- CO₂ abated per square metre: 11kg*
- Uses recycled water
- Uses industrial by-products

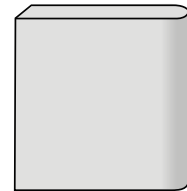
paver sizes



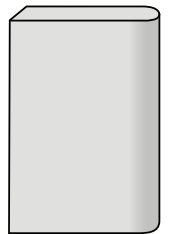
400 Standard Paver
400 x 400 x 40



500 Standard Paver
500 x 500 x 40



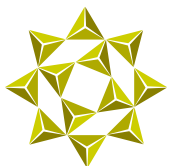
400 Bullnose
400 x 400 x 40



500 Bullnose
500 x 350 x 40

*Figures based on independent Netbalance Lifecycle Assessment report, Dec 2007

Sample colours may vary from the original due to the printing process. For a full set of samples contact Zeostone.



Zeostone

For more information on our technology and products,
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