SUSTAINABLE PRODUCTS for the FUTURE

“It’s easy being green”

islandblock.com.au

“No one knows Blocks and Pavers better”
In simple terms the use of the “Sustainable Products for the Future” range, minimises landfill in Australia whilst simultaneously reducing the mining of natural resources typically used in manufacture, thus resulting in a sustainable high end finished product. “It’s easy being green” by using “Sustainable Products for the Future”.

### THE ISSUES

- Australia consumes about 1.36 million tonnes of glass packaging per year
- Glass consumption is at its highest in New South Wales, producing about 460,000 tonnes of used glass per year
- Hundreds of thousands of tonnes of glass is accumulated in recycling companies around Australia
- EPA regulations prohibit stockpiling large amounts of glass. There is nowhere else for it to go
- This is an unsustainable situation with glass which has nowhere to go because there is no viable market

### OUR SOLUTIONS

- Products replace natural aggregates with up to 37% recycled container glass
- A massive reduction of glass going into land fill
- Reducing the resources and energy required to source new materials
- Reduces total cement usage therefore reducing carbon dioxide emissions
- All water used in process is captured or reclaimed water
- Natural curing methods are implemented, minimizes the need for carbon generated power

### THE SUSTAINABLE SOLUTION

**SUSTAINABLE PRODUCTS for the FUTURE**

“It’s easy being green”

Our sustainable range includes:

- **BRICKS for the FUTURE**
- **BLOCKS for the FUTURE**
- **PAVERS for the FUTURE**
- **FREESTONE ECO**

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The Greentag certified “Sustainable Products for the Future” offer a high quality brick, block, paving or retaining wall selection, manufactured by award winning company Island Block & Paving using coloured recycled glass aggregates.

The patented “Sustainable Products for the Future” range incorporates four main product lines “Bricks for the Future”, “Blocks for the Future”, “Pavers for the Future” and the “Freestone ECO” retaining wall system. Available in unique surface finishes and colours the “Sustainable Products for the Future” have no additional cost imposts over other masonry products. This allows industry professionals to finally have the choice, without additional costs of selecting a Greentag certified product that not only looks great but benefits the environment. It's easy being green with “Sustainable Products for the Future”.

COLOURS AND FINISHES: Sustainable Products for the Future offer a vast range of colours. Surface finishes include polished, exposed aggregate, diamond brushed and smooth finishes, accentuated by the surface aggregates that provide stunning light effects.

SUSTAINABILITY: Sustainable Products for the Future products consist of up to 40% recycled glass aggregates derived from washed container recycled glass. This results in a massive reduction of crushed glass going into landfill, conversely natural raw material use is reduced by up to 40% as it is replaced by the recycled glass aggregate in manufacture. Modern natural curing methods which reduce energy consumption are implemented, 100% captured water is used and CO2 emissions are reduced.

LOW MAINTENANCE: All products are colourfast, the colour is blended throughout the product, not a surface coatings that can chip off. Sustainable Products for the Future require minimal maintenance to keep them looking pristine. All products are manufactured with TechDry water repellent additives to prevent staining.

ROBUST: Sustainable Products for the Future are very strong and are manufactured to stand the test of time. Their fire resistance is perfect for Australia’s harsh environment.

AFFORDABLE: Sustainable Products for the Future products are affordable and despite their uniqueness the entire range is very price competitive over conventional masonry products.

TESTING: Sustainable Products for the Future exceed the requirements of AS 3700, AS/NZS 4455 and CMAA design requirements. Test results are available on request.

LIFE CYCLE ANALYSIS

ENVIRONMENTAL BENEFITS

- Reduces landfill in Australia
- Minimises use of raw materials
- Reduces CO2 emissions
Bricks for the Future from Island Block & Paving offer a state of the art patented brick selection, nationally recognised for its unique surface textures, inspirational modern colours and Global Green Tag certification.

- Stylish finishes
- Lighter = easy to lay
- 100% Colourfast
- Bricklayer friendly
- New design with six holes

Patent No.: 203206165
Blocks for the Future offer designers the opportunity to create high quality, sustainable structures using architectural building blocks comprising coloured recycled glass aggregates that will last a lifetime. With a patented range of finishes including smooth, exposed aggregate, diamond brushed and polished, Blocks for the Future are making it easy to be “green”.

- Striking finishes
- Durable
- Design flexibility
- Cost competitive
- Greentag certified
The premium quality Pavers for the Future collection are specifically designed for high use municipal and commercial pavements. The Global Greentag certified pavers are made from high strength mix designs containing recycled glass aggregates which create unique surface finishes that will last a lifetime.

- Unique surface finishes
- Robust: 16.3 kn breaking load
- Environmentally responsible
- Stain Resistant
- Slip Resistant P5 rating
- Hard Wearing

Patent No.: 203206165
The Freestone ECO Retaining Wall System™ is a more sustainable DIY, vertical retaining wall which is manufactured with up to 40% recycled glass aggregate to provide unique smooth surface finishes that glistens in the light.

- Prestige & quality
- DIY vertical wall
- Large blocks - 10/m²
- Smooth surface finish
- No concrete footings

Patent No.: 203206165
COLOURS AND FINISHES

SMOOTH FINISH
SMOOTH FINISH products have a consistent ultra-smooth even texture with a unique finish that glistens in various light conditions.

SMOOTH FINISH COLOURS
- Ebony ECO
- Mist ECO
- Pearl ECO
- Pewter ECO
- Pontville ECO
- Walnut ECO

EXPOSED AGGREGATE FINISH
EXPOSED FINISH products are treated after manufacture by shot blasting to create a distinctively unique appearance that exposes the aggregate on the paver surface.

EXPOSED FINISH COLOURS
- Ebony Exposed
- Mist Exposed
- Pearl Exposed
- Pewter Exposed
- Pontville Exposed
- Walnut Exposed

REFINED & POLISHED FINISH
REFINED & POLISHED FINISH the premium finish. Products pass through a state of the art “Cassani” grinding and polishing machine to achieve various high end finish.

REFINED & POLISHED FINISH COLOURS
- Ebony ECO
- Mist ECO
- Pearl ECO
- Pewter ECO
- Pontville ECO
- Walnut ECO

*Freestone Eco colours - Ebony ECO, Mist ECO, Limestone ECO

Available from... ISLAND BLOCK & PAVING

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