



## ENVIRONMENTAL POLICY

Island Block & Paving produce a unique range of bricks, retaining wall blocks, concrete building blocks, weed free paving, patented retaining wall systems and landscape products. The Company is quality assured to ISO 9001:2008 and operates a compliant OHS Management system to AS/NZS: 4801. Island Block & Paving is committed to manufacturing sustainable products where possible, in a safe efficient manner.

This Environmental policy outlines the strategies, actions and measures that Island Block & Paving Company is applying to:

- Reduce energy consumption and emissions
- Conserve resources
- Achieve cleaner production
- Produce increasingly sustainable products
- Ensure the health and safety our employees and the wider community

### Sustainable Products

Island Block & Paving produces a range of environmentally friendly, sustainable building products known as the "Sustainable Products for the Future" range. These products include bricks, retaining wall blocks, building blocks and pavers. All these products use approx. 40% recycled container glass aggregates as a replacement for natural aggregates, which conserve natural resources, reduce cement consumption, reduce emissions and energy footprints as well as increase the beneficial reuse of waste materials.

Benefits from incorporating post-consumer recycled materials:

- Reduced landfill
- Reducing the resources and energy required to source new materials
- Conserving natural aggregates
- Reducing total Portland cement usage therefore reducing carbon dioxide emissions

### Natural Aggregate Substitutes

The IBP production process allows for the use of substitute aggregates such as post-consumer recycled container glass which is derived from kerbside recycling and then crushed into aggregate as a direct replacement for natural aggregates such as quartz sand and/or metal dust in the IBP manufacturing process.

### Cement Reduction

Due to extra strength gains achieved by using recycled glass aggregate; cement is reduced for all products marketed as "Sustainable Products for the Future" by 10%. IBP is continually striving to integrate further efficiencies to all products produced.

### Water Minimization

100% of water used in manufacture of IBP products is captured or reclaimed water.

### Natural Curing

IBP use natural curing to cure 100% of manufactured products. The curing kilns are fully insulated to ensure minimal heat loss, this combined with the heat generated by the cement rehydrating in the curing process, minimizes the need for carbon generating power.

**Signed** Phil Thurlow

**GENERAL MANAGER ISLAND BLOCK & PAVING**

**Date** 4<sup>th</sup> October 2013

**REFERENCE: Island Block and Paving Quality Management System**