

# GREEN CERAMICS

transforming waste  
into new designer  
products





Green Ceramic products are subjected to the most critical testing, to ensure quality and safety. A rigorous and lengthy trial of testing and retesting was undertaken to ensure our products are fit for purpose, meeting Building Code of Australia requirements for slip and fire resistance.

Kandui manufactures products from waste materials and is a leading producer of Green Ceramics.

Kandui has partnered with The SMaRT Centre at UNSW, who has developed revolutionary MICROfactorie™ waste to product technologies. Kandui is the first company to become an official MICROfactorie™ licensee, using smart, innovative technologies to remanufacture waste into new products.

Kandui is proudly an Australian certified company and a member of the Australian Tile Council.

We offer a range of tiles, slabs for bench tops, table tops and other products.

Green Ceramics are made from varying waste glass and textiles that are traditionally not subject to recycling. Other waste streams can also be used, including coffee cups.

Green Ceramics are a new generation of high performance, non-toxic, engineered bio-composites, for use in buildings, as furniture and for various architectural and decorative applications.

You can also create your own bespoke ceramics by incorporating your own textile and/or glass, for example old company uniforms. This ensures the secure destruction, plus a unique point of difference and 'history' for your project.

Kandui is committed to solving waste problems through innovative technologies. A 'circular economy' model is adopted, which employs not only waste management, but reuse, recycling and responsible manufacturing. In turn, reducing emissions and increasing efficient use of natural resources.

**Kandui uses waste to product technologies to manufacture sustainable, designer green products.**



**ISLAND BENCH FACE**  
Manufactured from a selection of glass and textile to achieve the desired sage green colour.



**KITCHEN SPLASHBACK**  
Manufactured from a selection of glass and textile to achieve a bespoke marble look.



**FEATURE WALL**  
Manufactured from glass, coffee beans and jute bags.



**FLOOR TILES**  
Manufactured from glass and old sports uniform textiles.



**FLOOR TILES**  
Manufactured from glass and black textile to achieve a stylish terrazzo look.

“ we are passionate about reimagining waste and its endless possibilities ”

**A range of finishes can be achieved, this is dependant on the material used**

Green Ceramic products are predominately made from types of waste glass and textiles, however other waste streams can also be used including coffee cups.

Kandui has the ability to replicate a range of surface designs including, but not limited to, marble, terrazzo, concrete.

Kandui currently offer the following tile sizes:

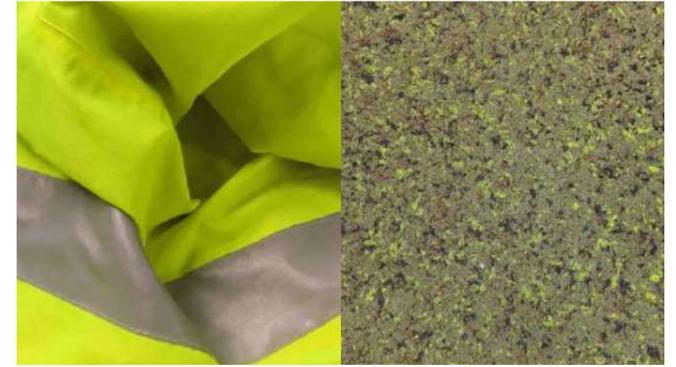
**FLOOR TILES**  
 200 x 200mm    310 x 310mm    500 x 500mm  
 Thickness: 9, 12, 20mm

**WALL TILES**  
 200 x 200mm    310 x 310mm    500 x 500mm  
 Thickness: 6, 9, 12mm

see [www.kandui.com.au](http://www.kandui.com.au) for technical data including installation, care, maintenance and warranty.



“ the conscious decision when designing a sustainable and stylish interior ”



**FLOOR TILE**  
 Manufactured from glass and old hi-vis work uniforms to create this unique look for a communal workspace.



**FLOOR TILES**  
 Manufactured from waste glass and mattress textile to create a contemporary look.

“ on a per capita basis, Australian's are now the second highest consumer of textiles in the world ” (DAWE, 2021)



**FLOOR TILES**  
 Manufactured from glass, old jeans and jumpers to create a dark concrete look

