

香港綠色創新大獎

Hong Kong Green Innovations Awards

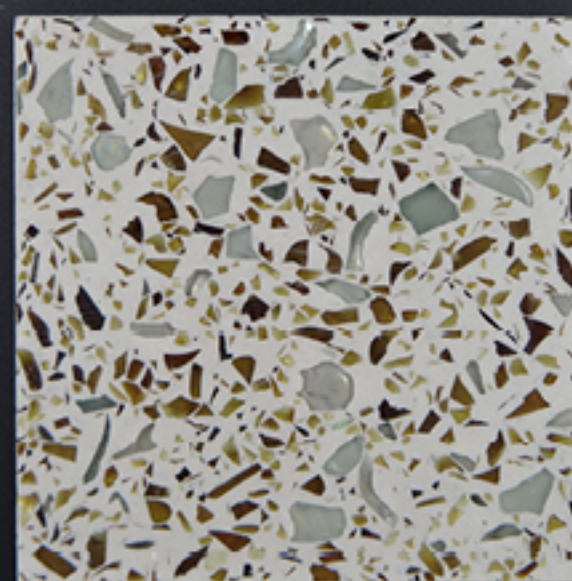


納米及先進材料研發院有限公司 —
抗菌再生玻璃磚
Nano and Advanced Materials Institute Limited –
Antimicrobial Recycled Glass Tiles



納米及先進材料研發院有限公司採用先進材料技術，製造廢玻璃含量超過百分之七十的抗菌再生玻璃磚。這項創新的升級再造產品能有效減少棄置廢玻璃於堆填區，亦可減少製造磚塊所耗用的天然資源。

Nano and Advanced Materials Institute Limited applies an advanced material technology to make Antimicrobial Recycled Glass Tiles with over 70% of its content from waste glass bottles. This innovative upcycled product can effectively reduce the glass waste disposed of at landfills and reduce the consumption of natural materials for tile manufacturing.



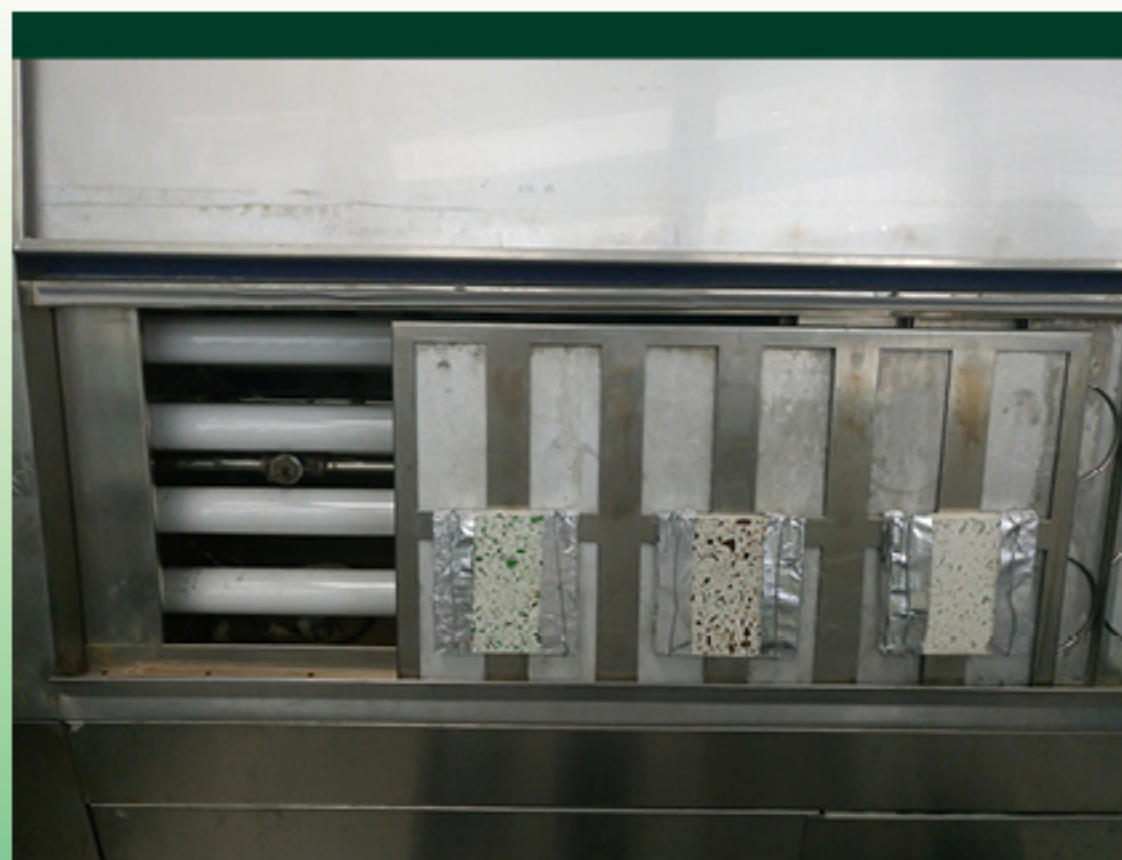
透過提高再生玻璃磚中的玻璃含量，大大減少了生產新磚所需的天然物料及堆填區所棄置的的玻璃數量。

Significantly reducing the demand for natural materials for making tiles and the amount of glass disposed at landfills through enhancing the content of recycled glass in the tiles.



使用特定尺寸的顆粒和指定原材料混合比例，穩定再生玻璃磚的成份，同時成功提升當中的玻璃含量。

Using particles of specific size and raw materials of designated mixing ratio to stabilise the content of tiles while achieving a higher glass content.



產品具有高抗壓強度，以及良好的抗刮、防污和抗菌性。

These tiles possess qualities of high compressive strength, good scratch, stain and antimicrobial resistance.