SILICASTONE™
100% recycled surfacing materials

From Panaz®

100% RECYCLED
MADE IN GREAT BRITAIN
SilicaStone™ is a unique material created from recycled waste glass and ceramics. This patented process allows the creation of a range of surfaces that offer new and exciting design possibilities for both interior and exterior projects.

Fabricated in Lancashire, SilicaStone™ feels like stone and, because it is not bonded by resin, it is UV stable and will not fade or change colour over time. It is also heat and fire resistant.

These products provide all the benefits of natural stone whilst allowing complete control over the surface texture, colour and tone.

SilicaStone™ surfacing products are currently available in three design variations, but we can work with you to either match colours to your project or to develop new textures and surfaces that will bring your interior space to life.

All ranges are precision dimensioned and can easily be cut with standard tile cutting discs or an angle grinder. They are supplied loose and can be installed directly onto existing surfaces without the need for grout.

Made in England from 100% recycled material
Solid Surfaces

Wall Surfaces

Custom Capabilities

Wall or Solid Surface: Silicastone is a uniquely adaptable, ethical and sustainable alternative to natural stone products. Take from standard design profiles or realise your own unique concept and we can help you bring a significant aesthetic statement to any commercial or residential project.
**Strata**

*Strata*, the most versatile design, is ideal for small residential and commercial projects. Varying the thickness creates a subtle and dynamic effect.

**Incline**

*Incline* is perfect for larger projects. The monumental grouping of large format tiles creates a seductive and subtle surface that truly comes to life when downlit, to highlight the striking and sophisticated design of these tiles. The surface can also be customised through the addition of larger scale aggregate inclusions, to offer even greater drama and impact.

**Weave**

*Weave*, an exciting modular product with a unique deep relief tile that can be mounted horizontally and vertically. As the light changes in a room the shadows and colours of *Weave* are enhanced, adding interest and drama to your walls throughout.
SILICASTONE™

Case Studies

Camden Town House
Nando's Head Office
Ace Hotel
A client with a town house in Camden was looking for an innovative solution for a large wall. The client had researched a number of wall finishes including wallpaper and tiling. The wall incorporated a floating staircase in oak and glass built alongside it, therefore a natural look was required to merge with the natural textures of the other materials.

The use of SilicaStone™ in “Incline” has a natural textured finish which creates a wonderful backdrop to the dramatic staircase. The design, provided by the SilicaStone™ team in one metre square panels, was tessellated to create a random layout.

Lights were embedded into the artificial stone which was easily drilled. The random nature of the design was not affected by this detail.

The client was exceptionally pleased with the overall look, due to the sustainability of the materials used and the innovative and dramatic effect created.
We were asked by Nando’s designers, Fusion Studio, to develop a bespoke product created from an angled triangle shape and border tiles placed on edges. The unique design creates a dynamic and extreme relief feature wall for the new Nando’s HQ at Enrico House, London.

We worked with the designers to create a specific terracotta colour, with subtle shade variations and a rustic and handmade feel. The 35m² feature wall is made from over 2250 triangles and 3600 individual tiles.
SilicaStone™ was commissioned by Modern Design Review to collaborate with design duo, Soft Baroque, to create three unique tables for the lobby of the ACE Hotel Shoreditch, London. The tables were created from specially cast 40mm thick SilicaStone™ slabs, weighing more than 100kg. Referencing traditional woodworking techniques, Soft Baroque developed a ‘finger joint’ technique to create their iconic tables using specialist waterjet cutting.
Technical Information

We use a variety of recycled materials to make our products. As such they are subject to some slight variation in tone and surface texture, even in the same batch. We take great care to ensure a good colour match, we recommend carefully mixing batches on site to achieve a harmonious appearance of colours and shades.

*For the most up to date information, please contact our technical team on 07730436067.

<table>
<thead>
<tr>
<th>DESCRIPTION AND TEST STANDARD</th>
<th>RESULT</th>
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<tbody>
<tr>
<td>POROSITY + DENSITY (BS EN 1935-1995)</td>
<td>26.87% 1.93 g/cm³</td>
</tr>
<tr>
<td>WATER ABSORPTION (BS EN 1054-997)</td>
<td>8.03%</td>
</tr>
<tr>
<td>FROST RESISTANCE (BS EN 1054-12:1997)</td>
<td>Frost Resistant 100 Cycles No evidence of damage</td>
</tr>
<tr>
<td>THERMAL EXPANSION (BS EN 1054-8:2014)</td>
<td>22-105 °C for Direction X: 8.88 °C-1</td>
</tr>
<tr>
<td>25-102 °C for Direction Y: 9.48 °C-1</td>
<td></td>
</tr>
<tr>
<td>MODULUS OF RUPTURE (BS EN 1054-4:2012)</td>
<td>8.6 N/mm² – 9.6 N/mm²</td>
</tr>
<tr>
<td>COMPRESSIVE STRENGTH (BS EN 771-5)</td>
<td>23.6 N/mm²</td>
</tr>
<tr>
<td>CHEMICAL RESISTANCE (BS EN 1054-13:1997)</td>
<td>Class UHA</td>
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<tr>
<td>TOLERANCE</td>
<td>+/- 0.5mm</td>
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SilcaStone™ can be installed on any existing interior wall surface providing it is a suitably stable sub-structure and our installations guidelines are followed. We recommend using Mapei™ Keraflex Maxi to bond all of our products to suitably prepared substrates.

SilcaStone™ is available in 15 standard colours and in 3 standard finishes, textured, honed and glazed. Our three ranges, Strata, Incline and Weave, are all available in a selection of different size tiles from 200mm x 50mm up to a maximum of 300mm x 150mm. Larger solid surfaces up to 2.4m x 1m are also available for special order.

Water repellency can be increased by the application of an impregnating stain block finish, which can be applied after installation or factory applied. We recommend using LTP EcoPro waterbased stain stop products and can supply as required. Testing is ongoing on all of our products, for the latest information please refer to our website.

SilcaStone™ can be supplied as individual tiles or in pre-fabricated cladding panels using the Fab-ite Pro-Glad™ system. Please contact our technical department for more info.

Colour Range

SilcaStone™ is available in Textured, Honed and Glazed finishes. A selection of our range is shown below but for the latest colours and to discuss variations please visit our website.

### Textured
Textured SilcaStone™ is our natural raw finish straight from the kiln. Tiles and surfaces come in a range of shapes and sizes.

### Honed
Honed SilcaStone™ is polished during the production process to reveal the aggregates within the surface.

### Glazed
Our unique range of glazed tiles and surfaces are hand glazed and decorated to create our most versatile tiles.

For the most up to date information, please contact our technical team on 07730436067.