

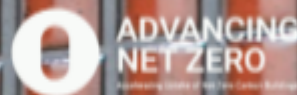
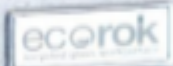


Sustainable Surfaces

Silica content of ecorok™

ecorok™ from Diamik Glass is a recycled glass surface that offers an eco-alternative to mined Surface products, with 85% recycled content. This beautiful product is manufactured in the UK using waste glass cullet that was destined for landfill.

Designers & Architects now have a sustainable surface solution that could help buildings achieve higher BREEAM certification. by sourcing responsibly.



Silica Content in Glass

The main ingredient of glass is silica sand (which is silicon dioxide) at around 60% of the raw material mix. After loss of CO₂ from the other raw materials, silicon dioxide accounts for around 72% of the final glass.

How much silica is in glass?

60-75% - The composition of soda-lime glass is normally 60-75% silica, 12-18% soda, and 5-12% lime. A low percentage of other materials can be added for specific properties such as coloring.

Do glass bottles contain silica?

Glass packaging is made of predominantly natural ingredients and includes silica sand, soda ash and limestone. These and other key materials are mixed with recycled glass, called 'cullet', to make up the batch mixture.

Is glass high in silica?

Soda-lime glass, containing around 70% silica, accounts for around 90% of manufactured glass. The term glass, in popular usage, is often used to refer only to this type of material, although silica-free glasses often have desirable properties for applications in modern communications technology.

For any additional please contact the ecorok™ team on:



DIAMIK GLASS

A: Unit 1 Aneal Business Centre,
Cross Green Approach, Leeds LS9 0SG

T: 0113 249 7001

E: info@diamik.co.uk

W: www.diamikglass.co.uk

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