

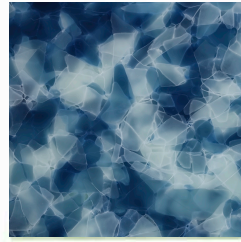
glass²



Ash White



Coral Blue



Sky



Azurite



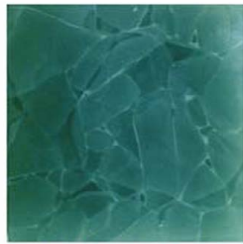
Chorus



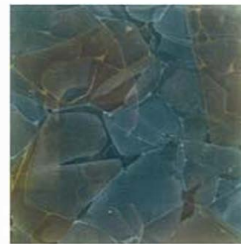
Caramel



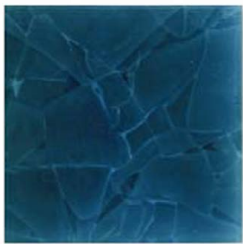
Antarctica



Aquamarine



Harmony



Ocean Blue



design with a conscience.

glass² certifiably green:

we are committed to sustainable and socially conscious design

glass²

The premier choice of designers and architects, **glass²** is an environmentally friendly product like none other. Ease of fabrication and a sustainable, elegant design are just some of the characteristics that have made **glass²** a fabricator's dream. With the goal of meeting the progressive needs of its consumers, a team of engineers produced this beautiful new glass line from 99% recycled glass. This bold innovation has made **glass²** a leader in the solid surface industry.



Applications:

Commercial or residential, interior or exterior application, **glass²** can be used for anything and everything. The flexibility of **glass²** allows for its application in kitchen countertops, bartops, tables, fireplace surroundings, floor or wall cladding, stairwells, columns, furniture tops, bathroom vanities, shower stalls, and tub surroundings. The uses are endless in the world of architecture and design.

Advantages:

- 99% recycled glass, contains no resin
- stain-resistant, bacteria-free, virtually no maintenance
- 0.2% absorption rate
- virtually scratch-resistant, can be repaired if scratched; unlike other glass lines
- can be fabricated by both stone and glass fabricators
- cold and heat resistant, allowing for use as outside cladding
- glass base, contains no glue or chemicals
- does not contain radioactive elements
- color is weather-resistant and will not change
- wide selection; 12 colors to choose from, the majority are fully translucent



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glass²

What is glass²?

glass² is 99% recycled glass. glass² contains no resin or epoxy; it is pure glass.

What thickness range is available for glass²?

glass² is available anywhere from 16mm to 35mm in thickness.

Can glass² be used for countertops?

Yes. glass² can be used for countertops, as well as for wall cladding, flooring, and fascia of buildings.

Will glass² stain?

glass² will not stain. glass² will not absorb anything, including acid and wine.

How easy can glass² be fabricated?

glass² can be fabricated by both stone and glass fabricators using regular tools and equipment. glass² can be cut in any shape with ease, including drill hole cutouts.

Can glass² be used for columns?

Yes. glass² can be bent to shape in production and can be used for columns (custom orders only).

Will glass² change color?

The color of glass² will not change, under any circumstances. The color is permanent.

Can glass² be repaired if scratched?

Unlike regular glass, glass² can be repaired easily if scratched, in the same way a marble slab can be repolished or resurfaced.

Is glass² tempered?

No. glass² is not a tempered product.

Can glass² be classified as safety glass?

No. However, we can produce wired glass, which could be considered safety glass.

What is wired glass?

Wired glass is wired mesh fused (baked) together with glass² slabs (custom orders only).



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**National Research Center of Testing Techniques for Building Materials
Test Report**

Report No:200890754

No.	Test items	Standard index	Test results	Individual conclusion	Test standard/ method	
1.	Bulk density	$\geq 2.30/\text{cm}^3$	2.59g/cm ³	Pass		
2.	Water absorption	$\leq 0.50\%$	0.02%	Pass		
3.	Specular gloss	≥ 70	81	Pass		GB/T19766-2005
4.	Bending strength	$\geq 7.0\text{MPa}$	25.1MPa	Pass		
5.	Compression strength	$\geq 50.0\text{MPa}$	174MPa	Pass		
6.	Shore hardness	————	127	————	GB/T9966.5-2001	
7.	Linear thermal expansion	————	$4.0 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$	————	GB/T3810.8-2006	
8.	Vickers hardness	————	$6.2 \times 103\text{N}/\text{mm}^2$	————	GB/T16534-1996	
9.	Moh's hardness	————	5	————	JC/T872-2000	
10.	Chemical resistance	Resistance to acid	No obvious change in surface, $K \leq 0.2\%$	No obvious change in surface, $K \leq 0.08\%$	Pass	JC/T872-2000
		Resistance to alkali	No obvious change in surface, $K \leq 0.2\%$	No obvious change in surface, $K \leq 0.07\%$	Pass	
11.	Radionuclides (A class)	Internal exposure index I_{Ra}	≤ 1.0	0.1	Pass	 GB6566-2001
		External exposure index I_{r}	≤ 1.3	0.1	Pass	

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