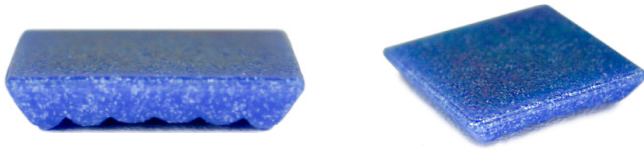


# 1/2" VITREOUS GLASS



465 Medford Street, Suite 101, Boston, MA 02129 USA | +1 617 418 1928 | ARTAIC.COM



**SIZE:** 1/2" x 1/2" x 1/8"

**COLORS:** 180 available

**FINISHES:** Metallic, Opalescent, Specialty

**APPLICATIONS:**

Interior	Exterior	Residential	Commercial	Wall	Pool	Floor
✓	✓	✓	✓	✓	✓	light residential traffic

**STATS:**

Sheet Dimensions:	12.51" x 12.51"
Tiles per Row/Column:	25 x 25
Tiles per Sheet:	625
Sheet Weight:	1.21 lbs
Grout Spacing:	.045" (1.13mm)

**DESCRIPTION**

Artaic's vitreous glass is our most popular tile material. An extensive color palette with many finish options lead to vibrant and dynamic surfaces of mosaic imagery. Tile is the perfect way to inject style into any design without losing functionality.

**VITREOUS GLASS:**

- through-body color
- resistant to fading
- resistant to staining
- resistant to chemicals
- resistant to fire
- suitable for any indoor or outdoor projects as well as for use in wet areas
- fabricated in the USA

1/2" vitreous glass tile size provides more detailed resolution for imagery. Each sheet is labeled and matched on an installation diagram.



**RESISTANT TO SCRATCHES**  
EN 101 / ISO 13630



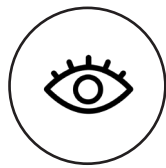
**RESISTANT TO FROST**  
UNI EN 202 \* ISO 10545/12  
ASTM C1026



**RESISTANT TO CHEMICAL ATTACK**  
UNI EN 122 \* ISO 10545/13  
ASTM C1026



**<0.5% WATER ABSORPTION**  
ISO 10545-3 /  
ASTM C1026



**RESISTANT TO COLORS FADING**  
DIN 51904



**RESISTANT TO THERMAL SHOCK**  
UNI EN 140 \* ISO 10545/9  
ASTM C484

## TECHNICAL CHARACTERISTICS & TEST DATA

I.	<b>Chemical Properties:</b>		
1	Chemical Attack Resistance	EN 122 / ISO 10545: Part 13	Resistant
2	Household Chemicals Resistance	IS 13630 (Part 8): 1991 / EN 122: 1984	Resistant
3	Resistance to Swimming Pool Salts	IS 13630 (Part 8): 1991 / EN 122: 1984	Resistant
4	Staining Test	IS 13630 (Part 8): 1991 / EN 122: 1984	Passes
5	UV Resistance	DIN 51094	Resistant
II.	<b>Dimension &amp; Surface Quality:</b>		
1	Color Resistance to fading	DIN 51094	Resistant
2	Facial Dimensions - Average	ASTM C 499 / 78 (99)	Passes
3	Facial Dimensions - Range	ASTM C 499 / 78 (99)	Passes
4	Range of Thickness	ASTM C 499	Passes
III.	<b>Physical Properties:</b>		
1	Coefficient of Friction	ASTM C 1028	Passes
2	Crazing	ASTM C 424	Passes
3	Scratch Hardness	EN 101 / ISO 13630: Part 13	Passes
4	Slip Resistance	DIN 51097 - 80	Passes
5	Water Absorption	ASTM C 373 / 88 (99) / ISO 10545: Part 3	Nil
6	Wedging	ASTM C 502 - 93a (1999)	Passes
IV.	<b>Thermal Properties:</b>		
1	Coefficient of Linear Thermal Expansion	EN 103	Passes
2	Frost Resistance	EN 202 / ISO 10545: Part 12	Passes
3	Thermal Shock Resistance	ASTM C 484/ 99/EN 104/ISO 10545: Part 9	Resistant