

# 3/4" VITREOUS GLASS

INFORMATION

FALL 2016



## SELECTION

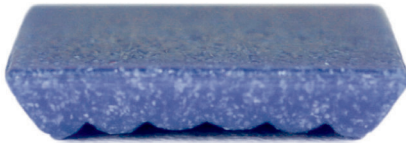
3/4" x 3/4" x 1/8"

139 Colors

Regular, Metallic and Opalescent finishes

## APPLICATIONS:

Interior	Wall
Exterior	Pool
Residential	Floor - light traffic
Commercial	



Artaic Name	3/4" Vitreous Glass
Artaic Inventory ID	A-.75"-VG-600+

ASTM	Pass-or-fail test				Not Provided
ASTM C-370: Moisture Expansion	Pass-or-fail test				Not Provided
ASTM C372: Linear Thermal Expansion	Pass-or-fail test				Pass (Grout absorbs)
ASTM C-373: Water Absorption	Impervious ≤ 0.5%	Vitreous 3-0.5%	Semi-Vitreous 3-7%	Non-Vitreous 7-20%	0.08%
ASTM C-373: Apparent Porosity	Value				0.20%
ASTM C-373: Apparent Specific Gravity	Value				3:2.37 g/cm
ASTM C-373: Bulk Density	Value				3:2.36 g/cm
ASTM C-424: Cracking Resistance	One cycle pass-or-fail test				Pass
ASTM C-482: Bond Strength	50 psi (Minimum)				Pass
ASTM C-484: Thermal Shock Resistance	Pass-or-fail test that uses staining dyes and approximate 300°F temperatures to induce and identify cracks or other damage				Pass
ASTM C-499: Facial & Thickness Dimensions	Nominal Size	Value		.79"	
	Caliber Range	Value			
	Thickness	Value		.1539"	
Artaic Production SQFT: Dimensions	Nominal Size - Inches	Value		12.48" x 12.48"	
Artaic Production SQFT: Dimensions	Tile Count	Value		15 x 15	
Artaic Production SQFT: Tiles / SQFT	Count	Value		225	
Artaic Production SQFT: Weight (no grout)	LBS	Value		1.5	
Artaic Production SQFT: Weight (with grout)	LBS	Value		1.65	
Artaic Production SQFT: Grout Width	Size	Value		0.042"	
ASTM C-502: Wedging	Wedging	Value		0.00%	
ASTM C-650: Chemical Resistance	Resistance Class	Max. # of affected samples		Resistant	
	A	0			
	B	1			
	C	2			
	D	3			
	E	4 or more			
ASTM C-1026: Freeze-Thaw	Number of observed defects	Number of cycles		Resistant	
		5			
		10			
		15			
ASTM C-1028: Static Coefficient of Friction	C.O.F.	Resulting Classification		Dry: 0.76	
	0 ≤ to ≤ 0.39	Hazardous - Excessive: No floor use		Wet: 0.61	
	0.40 ≤ to ≤ 0.59	Satisfactory: Low to regular traffic residential use			
	0.60 ≤ to ≤ 0.79	Satisfactory: Light traffic commercial use			
	≥ 0.80	Excellent: All uses			
ASTM C-1378: Staining Resistance	Resistance Class	Max. # of samples that retain a stain		Resistant	
	A	0			
	B	1			
	C	2			
	D	3			
	E	4 or more			
DIN 51094: Color Resistance to Fading					
Fire Resistance	Pass				