

SINTERED GLASS



APPLICATIONS | PROFILES | SPECIFICATIONS | COLOR LINES

1" SINTERED GLASS

INFORMATION

SELECTION

1" x 1" x 1/8" 42 Colors All colors available in Regular, Matte & Opalescent finishes

AVAILABLE AS ILLUMINATED MOSAIC MADE FROM 100% RECYCLED GLASS

ARTAIC

APPLICATIONS:

Residential/Commercial Indoor/Outdoor Wall/Flooring



Artaic Name Artaic Inventory ID

Standard Status Statu	ASTM					
ASTM C-424 Craining Resistance One score parcy for conditient Pasis ASTM C-427: Incod & Indexes Dimensions Width Average 0.962 ASTM C-427: Incod & Indexes Dimensions Width Average 0.962 ASTM C-427: Incod & Indexes Dimensions Width Average 0.962 Middle Geb Zenot - Incode Incode Square Foot - Statut Inc Court Value 12.187 Standard Square Foot - Statut Inc Court Court Value 12.187 Standard Square Foot - Statut Inc Court Wath Average 0.032 Standard Square Foot - Statut Wath Wath Average 0.032 Standard Square Foot - Statut Wath Wath Max 0.027 Standard Square Foot - Statut Wath Wath Average 0.032 Standard Square Foot - Statut Wath Wath Max 0.032 Standard Square Foot - Statut Wath Wath Max 0.032 Standard Square Foot - Statut Wath Wath	ASTM C-373: Water Absorption					
ASIM C-492: Exold Strength (4) p8 Areage (4) p8 Areage ASIM C-492: Exold & Indices Dimensions Width Mark (5) 5987 Width Mark Mark (5) 5987 Width Mark (5) 5987 (5) 5987 Width Mark (5) 5987 (5) 5987 Standard Square Fool - Dimension Inchesis 121 567 Standard Square Fool - Stand Mark Count Value 121 267 Standard Square Fool - Stand Mark Count Value 123 1267 Standard Square Fool - Stand Milling Mark Count Value 123 1267 Standard Square Fool - Stand Width Width Mark 0.0037 Standard Square Fool - Cond Width Width Mark 0.0037 Standard Square Fool - Cond Width Width Mark 0.0037 Standard Square Fool - Cond Width Width Mark 0.0037 Standard Square Fool - Cond Width Width Mark 0.0037 Standard Square Fool - Cond Width Width Mark 0.0037 Width <		≤ 0.5%			7-20%	
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ASTM C-1028: Static Coefficient of Friction ASTM C-1028: Static Coefficient of Friction C.O.F. C.O.F			III Heavy residential/Light commercial			Class III
ASTM C-1028: Static Coefficient of Friction C.O.F. Resulting Classification O ≤ to ≤ 0.39 Hazardous - Excessive: No floor use O.40 ≤ to ≤ 0.39 C.0.79 Satisfactory: Low to regular traffic residential use Excellent: All uses Wet: 0.47 ASTM C-1378: Staining Resistance Resistance Class ASTM C-1378: Staining Resistance A C C C C C C C C C C C C C C C C C C		IV	Commercial			
0 ≤ to ≤ 0.39 Hazardous - Excessive: No floor use Dry: 0.79 - 0.81 0.40 ≤ to ≤ 0.59 Satisfactory: Low to regular traffic residential use Wet: 0.47 - 0.49 0.60 ≤ to ≤ 0.59 Satisfactory: Light traffic commercial use Dry: 0.79 - 0.81 0.60 ≤ to ≤ 0.59 Satisfactory: Light traffic commercial use Dry: 0.79 - 0.81 0.60 ≤ to ≤ 0.59 Satisfactory: Light traffic commercial use Dry: 0.79 - 0.83 2.80 Excellent: All uses Dry: 0.79 - 0.83 ASTM C-1378: Staining Resistance Resistance Class Max. # of samples that retain a stain Pass - Class A A 0 0 3 Pass - Class A D 3 E 4 or more		V	V Heavy commercial			
0 ≤ to ≤ 0.39 Hazardous - Excessive: No floor use Dry: 0.79 - 0.81 0.40 ≤ to ≤ 0.59 Satisfactory: Low to regular traffic residential use Wet: 0.47 - 0.49 0.60 ≤ to ≤ 0.59 Satisfactory: Light traffic commercial use Dry: 0.79 - 0.81 0.60 ≤ to ≤ 0.59 Satisfactory: Light traffic commercial use Dry: 0.79 - 0.81 0.60 ≤ to ≤ 0.59 Satisfactory: Light traffic commercial use Dry: 0.79 - 0.83 2.80 Excellent: All uses Dry: 0.79 - 0.83 ASTM C-1378: Staining Resistance Resistance Class Max. # of samples that retain a stain Pass - Class A A 0 0 3 Pass - Class A D 3 E 4 or more						
$ \begin{array}{c c c c c c c } & 0.40 \leq to \leq 0.59 & \text{Satisfactory: Low to regular traffic residential use} \\ 0.40 \leq to \leq 0.59 & \text{Satisfactory: Light traffic commercial use} \\ 0.60 \leq to \leq 0.79 & \text{Satisfactory: Light traffic commercial use} \\ \geq 0.80 & \text{Excellent: All uses} & \text{Dry: } 0.79 & 0.83 \\ \text{Wet: } 0.73 & \text{Wet: } 0.$	ASTM C-1028: Static Coefficient of Friction	C.C	.F.	Resulting Cl	lassification	Glossy & Opalescent:
$ \begin{array}{c c c c c c } & 0.60 \leq to \leq 0.79 & Satisfactory: Light traffic commercial use \\ & \geq 0.80 & Excellent: All uses & Dry: 0.79 - 0.83 \\ & & & & & & & & & & & & & & & & & & $						
≥ 0.80 Excellent: All uses Dry: 0.79 - 0.83 ASTM C-1378: Staining Resistance Max. # of samples that retain a stain Wet: 0.73 ASTM C-1378: Staining Resistance Max. # of samples that retain a stain Pass - Class A B 1 Pass - Class A D 3 D E 4 or more 4						
ASTM C-1378: Staining Resistance Resistance Class Max. # of samples that retain a stain A 0 Pass - Class A A 0 Pass - Class A B 1 C 2 D 3 L D 3 L D 3 L D 4 or more						
ASTM C-1378: Staining Resistance Resistance Class Max. # of samples that retain a stain A 0 Pass - Class A B 1 C 2 D 3 E 4 or more		≥0.	30	Excellent	: All uses	
A O Pass - Class A B 1 C 2 D 3 E 4 or more	ASTAL C 1279: Staining Pacintanca	Desisters	o Class	May # of complex	that rotain a stain	Wet: 0.73
B 1 C 2 D 3 E 4 or more	ASIM C-13/8: Staining Resistance					
C 2 D 3 E 4 or more						Pass - Class A
D 3 E 4 or more						
E 4 or more						
	DIN 51094: Color Resistance to Fading	E		4 or r	noie	Resistant

1" Sintered Glass A-1-SG-400+

1/2" SINTERED GLASS

INFORMATION

SELECTION

1/2" x 1/2" x 1/8" 42 Colors All colors available in Regular, Matte & Opalescent finishes

AVAILABLE AS ILLUMINATED MOSAIC MADE FROM 100% RECYCLED GLASS



ARTAIC

APPLICATIONS:

Residential/Commercial Indoor/Outdoor Wall/Flooring

Artaic Name Artaic Inventory ID

ASTM					
ASTM C-373: Water Absorption	Impervious	Vitreous	Semi-Vitreous	Non-Vitreous	
	≤ 0.5%	3-0.5%	3-7%	7-20%	0.003% - Impervious
ASTM C-424: Crazing Resistance			e pass-or-fail test		Pass
ASTM C-482: Bond Strength			si (Minimum)		61 psi Average 0.450"
ASTM C-499: Facial & Thickness Dimensions		Width		Average	
		Width		Max	
		Width		Min	
		Width		Variation	
		Thickness		Avearge	
Standard Square Foot - Dimensions		al Size		hes	12.125" 24 x 24
Standard Square Foot - Tile Count - Rows x Column	Co			Value	
Standard Square Foot - Total Tile Count	Co			Value	
Standard Square Foot - Weight (no grout)	LE			lue	1.55
Standard Square Foot - Weight (with grout)	LE			lue	1.75
Standard Square Foot - Grout Width	Wie			rage	0.055"
Standard Square Foot - Grout Width	Wie			lin	0.030"
Standard Square Foot - Grout Width	Wio			ax	0.070"
Integrated 1/2" & 1" Square Foot - Dimensions	Nomin			hes lue	12.185"
Integrated 1/2" & 1" Square Foot - Tile Count - Rows x Column	Co			lue	24 x 24 576
Integrated 1/2" & 1" Square Foot - Total Tile Count Integrated 1/2" & 1" Square Foot - Weight (no grout)	Co LE			lue	1.55
Integrated 1/2" & 1" Square Foot - Weight (with grout)	LE			lue	1.55
Integrated 1/2" & 1" Square Foot - Weight (with group)				rage	0.058"
Integrated 1/2" & 1" Square Foot - Grout Width		Width Width			0.033"
Integrated 1/2" & 1" Square Foot - Grout Width		Width		Min Max	
ASTM C-648: Breaking Strength	Giazea or ungiazea m	Giazea or ungiazea mosaic, quarry, or paver			0.073"
Asim C-040. Breaking shengin	tile (Mir 250 pr	tile (Minimum) 250 pounds		Glazed wall tile (Minimum) 90 pounds	
ASTM C-650: Chemical Resistance		Resistance Class		Max. # of affected samples	
Asim C-050. Chemical Resistance		A)	A
		В		1	
		C		2	
		D		3	
		E		more	
ASTM C-1026: Freeze-Thaw		Number of observed defects		Number of cycles	
				5	Pass - No Visible Defec
				10	
			1	5	
ASTM C-1027: Surface Abrasion	Class				
	0	0 Not recommended for floors			
	1	I Light residential			
	П	II Residential			
	111	III Heavy residential/Light commercial			Class III
	IV	Commercial			
	V	V Heavy commercial			
ASTM C-1028: Static Coefficient of Friction	C.0		0	lassification	Glossy & Opalescent
	0 ≤ to			ssive: No floor use	Dry: 0.79 - 0.81
	0.40 ≤ to		Satisfactory: Low to reg		
	0.60 ≤ te			affic commercial use	Anti-Slip:
	≥ 0	.80	Excellen	t: All uses	Dry: 0.79 - 0.83
					Wet: 0.73
ASTM C-1378: Staining Resistance		Resistance Class A B		Max. # of samples that retain a stain 0 1	
	E			·	
			С		
				2	
				z 3 more	

1/2" Sintered Glass A-.5-SG-400+

1" & 1/2" SINTERED GLASS COLOR LINE

ARTAIC

COLOR LINE				
G F O Finish Key				
400	401	402	403	404
432	433	434	435	436
461	462	490	491	492
495	496	497	498	520
523	550	551	552	553























