

# 1" UNGLAZED PORCELAIN

## INFORMATION



### SELECTION

1" x 1" x 1/4"  
51 Colors  
Flat & Speckled finishes

### APPLICATIONS:

Residential/Commercial  
Indoor/Outdoor  
Wall/Flooring



Artaic Name **1" Unglazed Porcelain**  
Artaic Inventory ID **A-1"-UP-200+**

ASTM		Pass-or-fail test			Pass
ASTM C-370: Moisture Expansion		Pass-or-fail test			Pass
ASTM C372: Linear Thermal Expansion		Pass-or-fail test			Pass
ASTM C-373: Water Absorption	Impervious ≤ 0.5%	Vitreous 3-0.5%	Semi-Vitreous 3-7%	Non-Vitreous 7-20%	Impervious < 0.5%
ASTM C-373: Apparent Specific Gravity		Value			1.2 - 1.5
ASTM C-482: Bond Strength		50 psi (Minimum)			> 65 PSI
ASTM C-499: Facial & Thickness Dimensions	Nominal Size	Caliber Range	Thickness	Value	0.9375" x 0.9375" 0.0075" 0.1875"
Artaic Production SQFT: Dimensions	Nominal Size - Inches			Value	11.9375" x 11.9375"
Artaic Production SQFT: Dimensions	Tile Count			Value	12
Artaic Production SQFT: Tiles / SQFT	Count			Value	144
Artaic Production SQFT: Weight (no grout)	LBS			Value	2,125
Artaic Production SQFT: Weight (with grout)	LBS			Value	2,75
Artaic Production SQFT: Grout Width	Size			Value	0.0625"
ASTM C-609: Measurement of Light Reflectance Value	Class V0 Very uniform, pieces of same shade value are very uniform V1 Uniform, difference among pieces of same production are minimal V2 Slight variation, distinguishing differences in texture/pattern within similar colors V3 Moderate variations – Significant variations in color/texture V4 Substantial variation, random color/texture differences from tile to tile				Varies: V1 for solid colors V3 for speckled colors
ASTM C-648: Breaking Strength	Glazed or unglazed mosaic, quarry, or paver tile (Minimum) 250 pounds		Glazed wall tile (Minimum) 90 pounds		> 300 lbs
ASTM C-650: Chemical Resistance	Resistance Class A B C D E		Max. # of affected samples 0 1 2 3 4 or more		A Pass: Resistant
ASTM C-1026: Freeze-Thaw	Number of observed defects		Number of cycles 5 10 15		Pass
ASTM C-1027: Surface Abrasion	Class 0 Not recommended for floors I Light residential II Residential III Heavy residential/Light commercial IV Commercial V Heavy commercial				IV - Light Commercial All Residential
ASTM C-1028: Static Coefficient of Friction	C.O.F. 0 ≤ to ≤ 0.39 0.40 ≤ to ≤ 0.59 0.60 ≤ to ≤ 0.79 ≥ 0.80		Resulting Classification Hazardous - Excessive: No floor use Satisfactory: Low to regular traffic residential use Satisfactory: Light traffic commercial use Excellent: All uses		Satisfactory Up to Light Commercial Dry: ≥ 0.73 Wet: ≥ 0.68