

Hero

Porcelain tiles



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Size 2³/₄" x 11³/₄"
11³/₄" x 23⁵/₈"
23⁵/₈" x 47¹/₄"
23⁵/₈" x 23⁵/₈"

Thickness ∇ 9 mm
 ∇ 20 mm

Finish Matte

V2 SLIGHT VARIATION



Field tiles	Commercial size (in)	Nominal size (in)	Thickness (mm)	Finish	Edge
	3" x 12"	2 ³ / ₄ " x 11 ³ / ₄ "	9 mm	Matte	-
	12" x 24"	11 ³ / ₄ " x 23 ⁵ / ₈ "	9 mm	Matte	-
	24" x 48"	23 ⁵ / ₈ " x 47 ¹ / ₄ "	9 mm	Matte	Rectified
	Outdoor Paver	23 ⁵ / ₈ " x 23 ⁵ / ₈ "	20 mm	Outdoor	Rectified
Mosaics and coordinating trims	Commercial size (in)	Nominal size (in)	Thickness (mm)	Finish	Please refer to caliber chart for working size. Close joints are not recommended.
	Mosaic 2" x 2"	11 ³ / ₄ " x 11 ³ / ₄ "	9 mm	Matte	
	Linear Mosaic	11 ³ / ₄ " x 11 ³ / ₄ "	9 mm	Matte	
	Bullnose 3" x 24"	2 ⁷ / ₈ " x 23 ⁵ / ₈ "	9 mm	Matte	
	Cove Base 6" x 12"	5 ⁷ / ₈ " x 11 ³ / ₄ "	8.5 mm	Matte	

		Requirements				
Property	Test Method	Calibrated	Rectified			
Regularity characteristics	Nominal Size		±3.00%	-3.00% ÷ +2.00%	Compliant	
	Caliber Range	ASTM C499	±0.50% or ±0.08 in (±2.0 mm) (*)	±0.25% or ±0.03 in (±0.8 mm) (*)	Compliant	
	Thickness⁽¹⁾		Range: 0.04 in (1.02 mm)		Compliant	
	Wedging	ASTM C502	±0.50% or ±0.08 in (±2.0 mm) (*)	±0.25% or ±0.03 in (±0.8 mm) (*)	Compliant	
	Warpage Edge	ASTM C485	±0.75% or ±0.09 in (±2.3 mm) (*)	±0.40%	Compliant	
Warpage Diagonal	±0.50% or ±0.08 in (±2.0 mm) (*)		±0.40% or ±0.07 in (±1.8 mm) (*)	Compliant		
Structural characteristics	Water Absorption	ASTM C373	≤ 0.5%		≤ 0.5%	
Bulk mechanical characteristics	Breaking Strength	ASTM C648	Matte ∇ 9	Outdoor ∇ 20	Matte ∇ 9	Outdoor ∇ 20
			Average ≥ 250 lbf. (1.11 kN) Individual ≥ 225 lbf. (1.00 kN)	≥ 2000 lbf. avg	≥ 350 lbf. avg	≥ 2200 lbf. avg
	Modulus of Rupture	ASTM C1050	Outdoor ∇ 20		Outdoor ∇ 20	
			5000 psi.		Compliant	
Physical properties	Bond Strength	ASTM C482	≥ 50 psi. (0.34 Mpa)		≥ 100 psi.	
Thermal and hygrometric characteristics	Resistance to Freeze/Thaw Cycling	ASTM C1026	As Reported		Resistant	
	Thermal Shock Resistance	ASTM C484	As Reported		Resistant	
Chemical characteristics	Chemical Resistance	ASTM C650	As Reported		Unaffected	
	Stain Resistance	ASTM C1378	As Reported		Unaffected	
Safety characteristics	Dynamic Coefficient of Friction (DCOF)	ANSI A326.3	As Reported ⁽²⁾		Matte ∇ 9 ≥ 0.42 Wet Interior Wet (IW) ⁽²⁾ Outdoor ∇ 20 ≥ 0.60 Wet Exterior Wet (EW) ⁽²⁾	

(*) Whichever is less
(1) May not apply to textured surfaces or tiles with uneven back patterns.
(2) DCOF ≥ 0.42 Wet may not be a requirement for all projects. The specifier shall determine tiles appropriate for specific project conditions, considering by way of example, but not in limitation, type of use, traffic, expected contaminants, expected maintenance, expected wear, and manufacturers' guidelines and recommendations.
For updated manufacturer classification according to ANSI A326.3, Section 4 - "Product Use Categories", please refer to our website.

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