

Hero

Porcelain tiles



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Size 11³/₄" x 23⁵/₈" 2³/₄" x 11³/₄" **Thickness** $\pm$ 9 mm **Finish** Matte, Outdoor **Sensitech**
23⁵/₈" x 47¹/₄" 23⁵/₈" x 23⁵/₈" $\pm$ 20 mm

V2 SLIGHT VARIATION



Field tiles	Commercial size (in)	Nominal size (in)	Thickness (mm)	Finish	Edge
	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
	2" x 12"	2 ³ / ₄ " x 11 ³ / ₄ "	9 mm	Matte	-
Mosaics and coordinating trims	Outdoor Paver	23 ⁵ / ₈ " x 23 ⁵ / ₈ "	20 mm	Outdoor Sensitech	-
	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 ² / ₃ " x 11 ² / ₃ "	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	

Property	Test Method	Requirements	
		Calibrated	Rectified
Regularity characteristics	Nominal Size	$\pm$ 3.00%	
	Caliber Range	ASTM C499	-3.00% ÷ +2.00%
	Thickness ⁽¹⁾		$\pm$ 0.50% or $\pm$ 0.08 in ($\pm$ 2.0 mm) (*)
	Wedging	ASTM C502	$\pm$ 0.25% or $\pm$ 0.03 in ($\pm$ 0.8 mm) (*)
	Warpage Edge	ASTM C485	Range: 0.04 in (1.02 mm)
	Warpage Diagonal		$\pm$ 0.75% or $\pm$ 0.09 in ($\pm$ 2.3 mm) (*)
Structural characteristics	Water Absorption	ASTM C373	$\leq$ 0.5%
			$\leq$ 0.5%
Bulk mechanical characteristics	Breaking Strength	ASTM C648	Matte $\pm$ 9 Average $\geq$ 250 lbf. (1.11 kN) Individual $\geq$ 225 lbf. (1.00 kN)
			Outdoor Sensitech $\pm$ 20 $\geq$ 2000 lbf. avg
	Modulus of Rupture	ASTM C1050	Matte $\pm$ 9 5000 psi.
Surface mechanical characteristics	Mohs' Scratch Hardness	C1895	Outdoor Sensitech $\pm$ 20 Compliant
			MOHS 7-8: Hard. Suitable for high-traffic residential and light commercial areas.
Physical properties	Bond Strength	ASTM C482	Subject to the project ⁽³⁾ $\geq$ 50 psi. (0.34 Mpa)
Thermal and hygrometric characteristics	Resistance to Freeze/Thaw Cycling	ASTM C1026	$\geq$ 100 psi.
	Thermal Shock Resistance	ASTM C484	Resistant
Chemical characteristics	Chemical Resistance	ASTM C650	Resistant
	Stain Resistance	ASTM C1378	Unaffected
Safety characteristics	Dynamic Coefficient of Friction (DCOF)	ANSI A326.3	Subject to the project ^{(2) (3)}
			Matte $\pm$ 9 $\geq$ 0.42 Wet Interior Wet (IW) ⁽²⁾
			Outdoor Sensitech $\pm$ 20 $\geq$ 0.60 Wet Exterior Wet (EW) ⁽²⁾

(*) Whichever is less.

(1) Whichever is less, for tiles up to 24"x24" (610 mm x 610 mm).

(2) DCOF $\geq$ 0.42 Wet may not be a requirement for all projects.

(3) 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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