

Beyond Dolomite

Porcelain tiles



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Size $11\frac{3}{4}" \times 23\frac{5}{8}"$ $23\frac{5}{8}" \times 23\frac{5}{8}"$
 $23\frac{5}{8}" \times 47\frac{1}{4}"$

Thickness ± 9 mm
 ± 20 mm

Finish Matte, Polished, Outdoor **Sensitech**

V2 SLIGHT VARIATION



Field tiles	Commercial size (in)	Nominal size (in)	Thickness (mm)	Finish	Edge
	12" x 24"	$11\frac{3}{4}" \times 23\frac{5}{8}"$	9 mm	Matte	Rectified
	Stripes	$11\frac{3}{4}" \times 23\frac{5}{8}"$	9 mm	Matte	Rectified
	24" x 48"	$23\frac{5}{8}" \times 47\frac{1}{4}"$	9 mm	Matte, Polished	Rectified
	Outdoor Paver	$23\frac{5}{8}" \times 23\frac{5}{8}"$	20 mm	Outdoor Sensitech	Rectified
Mosaics and coordinating trims	Commercial size (in)	Nominal size (in)	Thickness (mm)	Finish	
	Mosaic 2" x 2"	$11\frac{3}{4}" \times 11\frac{3}{4}"$	9 mm	Matte	
	Apex Mosaic	11" x 11"	9 mm	Matte	
	Bullnose 3" x 24"	$2\frac{7}{8}" \times 23\frac{5}{8}"$	9 mm	Matte, Polished	
	Cove Base 6" x 12"	$5\frac{7}{8}" \times 11\frac{3}{4}"$	8.5 mm	Matte	

Please refer to caliber chart for working size. Close joints are not recommended.

			Requirements				
			Property	Test Method	Calibrated	Rectified	
Regularity characteristics		Nominal Size	ASTM C499	±3.00%	-3.00% ÷ +2.00%	Compliant	
		Caliber Range		±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% or ±0.05 in (±1.3 mm) (*)	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%	
				Matte, Polished $\nless 9$	Outdoor Sensitech $\nless 20$	Matte, Polished $\nless 9$	Outdoor Sensitech $\nless 20$
Bulk mechanical characteristics		Breaking Strength	ASTM C648	Average ≥ 250 lbf. (1.11 kN) Individual ≥ 225 lbf. (1.00 kN)	≥ 2000 lbf. avg	≥ 350 lbf. avg	≥ 2200 lbf. avg
				Outdoor Sensitech $\nless 20$		Outdoor Sensitech $\nless 20$	
		Modulus of Rupture	ASTM C1050	5000 psi.		Compliant	
Surface mechanical characteristics		Mohs' Scratch Hardness	C1895	Subject to the project ⁽³⁾		MOHS 7-8: Hard. Suitable for high-traffic residential and light commercial areas.	
Physical properties		Bond Strength	ASTM C482	≥ 50 psi. (0.34 Mpa)		≥ 100 psi.	
Thermal and hygrometric characteristics		Resistance to Freeze/Thaw Cycling	ASTM C1026			Resistant	
		Thermal Shock Resistance	ASTM C484			Resistant	
Chemical characteristics		Chemical Resistance	ASTM C650			Unaffected	
		Stain Resistance	ASTM C1378			Unaffected	
					Matte $\nless 9$	Polished $\nless 9$	Outdoor Sensitech $\nless 20$
Safety characteristics		Dynamic Coefficient of Friction (DCOF)	ANSI A326.3	Subject to the project ^{(2) (3)}		≥ 0.42 Wet Interior Wet (IW) ⁽²⁾	≥ 0.42 Dry Interior Dry (ID) ⁽²⁾ ≥ 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 ≥ 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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