



# ROAD

Glazed porcelain tiles



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Size 11<sup>3</sup>/<sub>4</sub>" x 23<sup>5</sup>/<sub>8</sub>"

Thickness  $\pm$  8 mm

Finish Matte

V2 SLIGHT VARIATION



Field tiles	Commercial size (in)	Nominal size (in)	Thickness (mm)	Finish	Edge
	12" x 24"	11 <sup>3</sup> / <sub>4</sub> " x 23 <sup>5</sup> / <sub>8</sub> "	8 mm	Matte	Calibrated
Mosaics and coordinating trims	Commercial size (in)	Nominal size (in)	Thickness (mm)	Finish	
	Mosaic 2" x 2"	11 <sup>3</sup> / <sub>4</sub> " x 11 <sup>3</sup> / <sub>4</sub> "	8 mm	Matte	
	Bullnose 3" x 24"	2 <sup>7</sup> / <sub>8</sub> " x 23 <sup>5</sup> / <sub>8</sub> "	8 mm	Matte	

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

	Property	Test Method	Requirements		
			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 <sup>(1)</sup>		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	Average ≥ 250 lbf. (1.11 kN) Individual ≥ 225 lbf. (1.00 kN)		≥ 350 lbf. avg
	Modulus of Rupture	ASTM C1505	R ≥ 35 N/mm <sup>2</sup>		
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		≥ 0.42 Wet Interior Wet (IW) <sup>(2)</sup>

(\*) 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. 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.

For more details please see the catalogue or visit [atlasconcordeusa.com](http://atlasconcordeusa.com)  
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