



# Road

Glazed porcelain tiles

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











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

		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 <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% 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) (*)
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
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
Safety characteristics	 Dynamic Coefficient of Friction (DCOF)	ANSI A326.3	Subject to the project <sup>(2)</sup> <sup>(3)</sup>		≥ 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.

(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.

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

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