

Avenue

Porcelain tiles



Scan to learn more

Size 3" x 11³/₄"

Thickness ∇ 8.5 mm

Finish Matte, Glossy

V2 SLIGHT VARIATION



V3 MODERATE VARIATION



Field tiles	Commercial size (in)	Nominal size (in)	Thickness (mm)	Finish	Edge
	3" x 12"	3" x 11 ³ / ₄ "	8.5 mm	Matte	-
	3" x 12"	3" x 11 ³ / ₄ "	8.5 mm	Glossy	-

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

		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% 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	
Bulk mechanical characteristics	Breaking Strength	ASTM C648	Average ≥ 250 lbf. (1.11 kN) Individual ≥ 225 lbf. (1.00 kN)		≥ 350 lbf. avg
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 ∇ 8.5 mm	Glossy ∇ 8.5 mm
Safety characteristics	Dynamic Coefficient of Friction (DCOF)	ANSI A326.3	Subject to the project ^{(2) (3)}		N/A *for wall application only

(*) 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 catalog or visit atlasconcordeusa.com
The Health Product Declaration® logo is a registered trademark of HPD Collaborative.

ATLAS CONCORDE USA, INC. - 117 Seaboard Lane - Suite F170 - Franklin, TN 37067 - USA - www.atlasconcordeusa.com

