atlas concorde USA

Eon

Porcelain tiles

MADE IN USA

CERTIFIED PORCELAIN TILE

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Size 11 3/4" x 23 5/8" **Thickness** 9 mm **Finish** Matte

V2 SLIGHT VARIATION

	Commercial size (in)	Nominal size (in)	Thickness (mm)	Finish	Edge
Field tiles	12" x 24"	11 3/4" x 23 5/8"	9 mm	Matte	-
Mosaics and coordinating trims	**Commercial size (in)**	**Nominal size (in)**	**Thickness (mm)**	**Finish**	
	Mosaic 2" x 2"	11 3/4" x 11 3/4"	9 mm	Matte	
	Herringbone Mosaic	14 5/8" x 11 1/8"	9 mm	Matte	
	Honeycomb Mosaic	9 1/3" x 11 2/3"	9 mm	Matte	
	Bullnose 3" x 24"	2 7/8" x 23 5/8"	9 mm	Matte	Please refer to caliber chart for working size. Close joints are not recommended.
	Cove Base 6" x 12"	5 7/8" x 11 3/4"	8.5 mm	Matte	

	Property	Test Method	Requirements: Calibrated	Requirements: Rectified	
Regularity characteristics	**Nominal Size**	ASTM C499	±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)	ASTM C499	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	ASTM C485	±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
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
Safety characteristics	**Dynamic Coefficient of Friction (DCOF)**	ANSI A326.3	Subject to the project (2) (3)		≥ 0.42 Wet Interior Wet (IW) (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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PEF EPD WELL v2

Declare. GREEN SQUARED CERTIFIED hpd GREENGUARD

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

Eon

Wall tiles

MADE IN USA

CERTIFIED PORCELAIN TILE

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Size 12 3/8" x 22 1/2" 3 1/8" x 12 3/8" **Thickness** 8.5 mm **Finish** Glossy

V2 SLIGHT VARIATION

	Commercial size (in)	Nominal size (in)	Thickness (mm)	Finish	Edge
Field tiles	12" x 22"	12 3/8" x 22 1/2"	8.5 mm	Glossy	-
	Brick 3" x 12"	3 1/8" x 12 3/8"	8.5 mm	Glossy	-
Mosaics and coordinating trims	**Commercial size (in)**	**Nominal size (in)**	**Thickness (mm)**	**Finish**	
	Brick Mosaic	12" x 13"	8.5 mm	Glossy	
	Listello	3 1/8" x 12 3/8"	8.5 mm	Glossy	Please refer to caliber chart for working size. Close joints are not recommended.
	Wall Bullnose 2" x 12"	2" x 12 3/8"	8.5 mm	Glossy	

	Property	Test Method	Requirements: Calibrated	Requirements: Rectified	
Regularity characteristics	**Nominal Size**	ASTM C499	±2.00%		Compliant
	Caliber Range		±0.30% or ±0.04 in (±1.0 mm) (*)	±0.25% or ±0.03 in (±0.8 mm) (*)	Compliant
	Thickness (1)		Range: 0.031 in (0.79 mm)		Compliant
	Wedging	ASTM C502	±0.40% or ±0.05 in (±1.3 mm) (*)	±0.25% or ±0.03 in (±0.8 mm) (*)	Compliant
	Warpage Edge	ASTM C485	-0.3% ÷ +0.4 or -0.04% ÷ +0.05 in (-1mm ÷ +1.3 mm) (*)		Compliant
	Warpage Diagonal		-0.3% ÷ +0.4 or -0.05% ÷ +0.07 in (-1.3mm ÷ +1.8 mm) (*)		Compliant
Structural characteristics	**Water Absorption**	ASTM C373	≤ 10.0%		10.0% - 20.0%
Bulk mechanical characteristics	**Breaking Strength**	ASTM C648	Average ≥ 125 lbf. (1.11 kN) Individual ≥ 100 lbf. (0.44 kN)		≥ 175 lbf. avg
Physical properties	**Bond Strength**	ASTM C482	≥ 50 psi. (0.34 Mpa)		≥ 100 psi.
Thermal and hygrometric characteristics	**Crazing Resistance**	ASTM C424			Resistant
	Thermal Shock Resistance	ASTM C484			Resistant
Chemical characteristics	**Chemical Resistance**	ASTM C650			Unaffected
	Stain Resistance	ASTM C1378			Unaffected

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

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