## atlas concorde U S A

## Legacy Marblestone

## Porcelain tiles



Scan to learn more

-	Commercial size 12" x 24" 24" x 48"		<b>Nominal size (in)</b> 11 <sup>3</sup> / <sub>4</sub> " x 23 <sup>5</sup> / <sub>8</sub> "	9 mm	1	Finish Matte	Edge
	24" x 48"			J J J J J J J J J J J J J J J J J J J		Malle	Rectified
_			23 <sup>5</sup> / <sub>8</sub> " x 47 <sup>1</sup> / <sub>4</sub> "	9 mm		Matte	Rectified
	Spa		7 <sup>3</sup> / <sub>4</sub> " x 47 <sup>1</sup> / <sub>4</sub> "	9 mm		Matte	Rectified
		r	23 <sup>5</sup> / <sup>8</sup> x 23 <sup>5</sup> / <sup>8</sup>	20 mm	Outo	loor Sensitech	Rectified
Mosaics and coordinating trims Con		(in)	Nominal size (in)	Thickness (mm)		Finish	Please refer to caliber ch for working size. Close jc are not recommended.
		"	11 <sup>3</sup> / <sub>4</sub> " x 11 <sup>3</sup> / <sub>4</sub> "	9 mm		Matte	
		ic	11 <sup>21</sup> / <sub>32</sub> " x 11 <sup>49</sup> / <sub>64</sub> "	9 mm		Matte	
		4″	2 <sup>7</sup> / <sub>8</sub> " x 23 <sup>5</sup> / <sub>8</sub> "	9 mm		Matte	
	Cove Base 6" x	12″	5 <sup>7</sup> / <sub>8</sub> " x 11 <sup>3</sup> / <sub>4</sub> "	8.5 mm		Matte	
			·				
Propert	y Test Metho	d	Calibrated	Rectified			
egularity haracteristics Caliber Range			±3.00%	±3.00% -3.00% ÷ +2.00%		Compliant	
		9 ±0.50	±0.50% or ±0.08 in (±2.0 mm) (*) ±0.25% or ±0.03 in (±0.8 mm) (*)		nm) (*)	Compliant	
Thickness <sup>(1)</sup>						Compliant	
	ASTM C50	2 +0.50	5	, ,		Compliant	
		-				Compliant	
>1		5 <u> </u>				Compliant	
Warpage Diag	onal	±0.50	% or ±0.08 in (±2.0 mm) (*)	±0.40% or ±0.07 in (±1.8 r	nm) (*)	(	
Water Absorp	tion ASTM C37	3	≤ 0.5%			≤ 0.5%	
			Matte ¥ 9	Outdoor Sensitech 🕇	- 20	Matte 🕇 9	Outdoor Sensitech 🛣 2
		_ Ave			. 20		
Bulk mechanical characteristics	ASTM C64	ASTM C648 Individual ≥ 225 lbf. (1.00 kN) ≥ 2000 lbf. avg				≥ 350 lbt. avg	≥ 2200 lbf. avg
		Outdoor Sensitech ₹ 20			Outdoor Sensitech ★ 20		
Modulus of Rupture		50				Compliant	
Mohs' Scratch Hardness	C1895		Subject to the project <sup>(3)</sup>			MOHS 7-8: Hard. Suitable for high-traffic residential and light commercial areas.	
Bond Strength	ASTM C48	2	≥ 50 psi. (0.34 Mpa)			≥ 100 psi.	
Resistance to Thaw Cycling	Freeze/ ASTM C10	26				Resistant	
Thermal Shock Resistance	ASTM C48	4					Resistant
	stance ASTM C65	0				L	Inaffected
Stain Resistan	ce ASTM C13	78				L	Inaffected
						Matte 🛣 9 🛛	Dutdoor Sensitech 🛣 2
		.3	Subject to the project <sup>(2) (3)</sup>			≥ 0.42 Wet Interior Wet (IW) <sup>(2)</sup>	≥ 0.60 Wet Exterior Wet (EW) <sup>(2)</sup>
	Nominal Size Caliber Range Thickness (1) Wedging Warpage Edge Warpage Diag Water Absorp Breaking Strer Modulus of Ru Mohs' Scratch Hardness Bond Strength Resistance to I Thermal Shock Resistance Chemical Resistance Stain Resistance	Nominal Size         Caliber Range         Caliber Range         Thickness (*)         Wedging         ASTM C49         Marpage Edge         Warpage Diagonal         Water Absorption         ASTM C48         Water Absorption         ASTM C48         Modulus of Rupture         ASTM C105         Mohs' Scratch         Hardness         C1895         Bond Strength         ASTM C48         Chemical Resistance         ASTM C48         Dupper Coefficient	Nominal Size       ASTM C499       ±0.50         Caliber Range       ASTM C502       ±0.50         Thickness <sup>(1)</sup> ASTM C502       ±0.50         Warpage Edge       ASTM C485       ±0.50         Warpage Diagonal       ASTM C485       ±0.50         Water Absorption       ASTM C648       Ave         Breaking Strength       ASTM C648       Ave         Modulus of Rupture       ASTM C1050       Ave         Mohs' Scratch       C1895       C1895         Bond Strength       ASTM C482       ASTM C482         Resistance to Freeze/ Thaw Cycling       ASTM C484       ASTM C484         Chemical Resistance       ASTM C650       ASTM C484         Chemical Resistance       ASTM C1378       ASTM C4378	Property       Test Method       Calibrated         Nominal Size       ±3.00%         Caliber Range       ASTM C499         Thickness <sup>(n)</sup> Range: 0.04         Wedging       ASTM C502       ±0.50% or ±0.08 in (±2.0 mm) (*)         Warpage Edge       ASTM C485       ±0.75% or ±0.09 in (±2.3 mm) (*)         Warpage Diagonal       ASTM C485       ±0.50% or ±0.08 in (±2.0 mm) (*)         Warpage Diagonal       ASTM C485       ±0.50% or ±0.09 in (±2.3 mm) (*)         Water Absorption       ASTM C373       ≤ 0         Matte X 9       ASTM C485       ±0.50% or ±0.08 in (±2.0 mm) (*)         Water Absorption       ASTM C373       ≤ 0         Matte X 9       Average ≥ 250 lbf. (1.11 kN) Individual ≥ 225 lbf. (1.00 kN)         Modulus of Rupture       ASTM C1050       Subject to tl         Modulus of Rupture       ASTM C482       ≥ 50 psi. (         Modulus of Rupture       ASTM C482       ≥ 50 psi. (         Modulus of Rupture       ASTM C484       ≥ 50 psi. (         Resistance to Freeze/ Thaw Cycling       ASTM C484       ≥ 50 psi. (         Chemical Resistance       ASTM C1378       ≤         Dynamic Coefficient       ANSI A326 3       Subject to th <td>Nominal Size       +3.00%       -3.00% + +2.00%         Caliber Range       ASTM C499       ±3.00% or ±0.08 in (±2.0 mm) (*)       ±0.25% or ±0.03 in (±0.8 r         Thickness (*)       Range: 0.04 in (1.02 mm)       ±0.50% or ±0.08 in (±2.0 mm) (*)       ±0.25% or ±0.03 in (±0.8 r         Warpage Edge       ASTM C485       ±0.75% or ±0.09 in (±2.3 mm) (*)       ±0.40% or ±0.05 in (±1.3 r         Warpage Diagonal       ASTM C485       ±0.75% or ±0.09 in (±2.3 mm) (*)       ±0.40% or ±0.07 in (±1.8 r         Water Absorption       ASTM C373       ≤ 0.5%         Breaking Strength       ASTM C648       Matter ¥ 9       Outdoor Sensitech ¥         Modulus of Rupture       ASTM C1050       Subject to the project (3)         Mohs' Scratch       C1895       Subject to the project (3)         Bond Strength       ASTM C482       ≥ 50 psi. (0.34 Mpa)         Resistance to Freeze/       ASTM C484       ≥ 50 psi. (0.34 Mpa)         Thermal Shock       ASTM C450       Stain Resistance         Stain Resistance       ASTM C1378       Stain Resistance</td> <td>Property         Test Method         Calibrated         Rectified           Nominal Size         ASTM C499         ±3.00%         -3.00% + ±2.00%           Caliber Range         ASTM C499         ±0.50% or ±0.08 in (±2.0 mm) (*)         ±0.25% or ±0.03 in (±0.8 mm) (*)           Wedging         ASTM C502         ±0.50% or ±0.08 in (±2.0 mm) (*)         ±0.25% or ±0.03 in (±0.8 mm) (*)           Warpage Edge         ASTM C485         ±0.50% or ±0.09 in (±2.3 mm) (*)         ±0.40% or ±0.05 in (±1.3 mm) (*)           Warpage Diagonal         ASTM C485         ±0.50% or ±0.09 in (±2.3 mm) (*)         ±0.40% or ±0.07 in (±1.8 mm) (*)           Water Absorption         ASTM C373         ≤ 0.5%           Breaking Strength         ASTM C648         Matte ± 9         Outdoor Sensitech ± 20           Modulus of Rupture         ASTM C1050         5000 psi.         ≥ 2000 lbf. avg           Mohs' Scratch         C1895         Subject to the project (3)           Bond Strength         ASTM C1026         ± 50 psi. (0.34 Mpa)           Premail Shock         Resistance         ASTM C484           Chemical Resistance         ASTM C1378</td> <td>PropertyTest MethodCalibratedRectifiedNominal Size Caliber RangeASTM C499<math>\pm 3.00\%</math><math>-3.00\% \pm 2.00\%</math>COThickness (*)<math>\pm 0.50\%</math> or <math>\pm 0.08</math> in <math>(\pm 2.0 mm)</math> (*)<math>\pm 0.25\%</math> or <math>\pm 0.03</math> in <math>(\pm 0.8 mm)</math> (*)COWedgingASTM C502<math>\pm 0.50\%</math> or <math>\pm 0.08</math> in <math>(\pm 2.0 mm)</math> (*)<math>\pm 0.25\%</math> or <math>\pm 0.03</math> in <math>(\pm 0.8 mm)</math> (*)COWarpage Edge Warpage DiagonalASTM C485<math>\pm 0.50\%</math> or <math>\pm 0.09</math> in <math>(\pm 2.0 mm)</math> (*)<math>\pm 0.40\%</math> or <math>\pm 0.05</math> in <math>(\pm 1.3 mm)</math> (*)COWarpage Tagen DiagonalASTM C373<math>\leq 0.5\%</math>COMatte <math>\pm 9</math>Outdoor Sensitech <math>\pm 2.0</math>Matte <math>\pm 9</math>Water AbsorptionASTM C373<math>\leq 0.5\%</math>Cutdoor Sensitech <math>\pm 2.0</math>Matte <math>\pm 9</math>Outdoor Sensitech <math>\pm 2.0</math>Matte <math>\pm 9</math>Modulus of RuptureASTM C648Average <math>\geq 250</math> lbf. (1.11 kN) Individual <math>\geq 225</math> lbf. (100 kN)<math>\geq 2000</math> lbf. avg<math>\geq 350</math> lbf. avgMohs' Scratch HardnessC1895Subject to the project (3)Suitable for 1 and lightMohs' Scratch HardnessASTM C482<math>\geq 50</math> psi. (0.34 Mpa)<math>\equiv 0.42</math> Wet and lightThermal Shock ResistanceASTM C1378UChemical ResistanceASTM C1378UDynamic Coefficient of Extense DOCOEANSI A326.3Subject to the project (2) (3)<math>\geq 0.42</math> Wet Interior Wet</td>	Nominal Size       +3.00%       -3.00% + +2.00%         Caliber Range       ASTM C499       ±3.00% or ±0.08 in (±2.0 mm) (*)       ±0.25% or ±0.03 in (±0.8 r         Thickness (*)       Range: 0.04 in (1.02 mm)       ±0.50% or ±0.08 in (±2.0 mm) (*)       ±0.25% or ±0.03 in (±0.8 r         Warpage Edge       ASTM C485       ±0.75% or ±0.09 in (±2.3 mm) (*)       ±0.40% or ±0.05 in (±1.3 r         Warpage Diagonal       ASTM C485       ±0.75% or ±0.09 in (±2.3 mm) (*)       ±0.40% or ±0.07 in (±1.8 r         Water Absorption       ASTM C373       ≤ 0.5%         Breaking Strength       ASTM C648       Matter ¥ 9       Outdoor Sensitech ¥         Modulus of Rupture       ASTM C1050       Subject to the project (3)         Mohs' Scratch       C1895       Subject to the project (3)         Bond Strength       ASTM C482       ≥ 50 psi. 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(0.34 Mpa)         Thermal Shock       ASTM C450       Stain Resistance         Stain Resistance       ASTM C1378       Stain Resistance	Property         Test Method         Calibrated         Rectified           Nominal Size         ASTM C499         ±3.00%         -3.00% + ±2.00%           Caliber Range         ASTM C499         ±0.50% or ±0.08 in (±2.0 mm) (*)         ±0.25% or ±0.03 in (±0.8 mm) (*)           Wedging         ASTM C502         ±0.50% or ±0.08 in (±2.0 mm) (*)         ±0.25% or ±0.03 in (±0.8 mm) (*)           Warpage Edge         ASTM C485         ±0.50% or ±0.09 in (±2.3 mm) (*)         ±0.40% or ±0.05 in (±1.3 mm) (*)           Warpage Diagonal         ASTM C485         ±0.50% or ±0.09 in (±2.3 mm) (*)         ±0.40% or ±0.07 in (±1.8 mm) (*)           Water Absorption         ASTM C373         ≤ 0.5%           Breaking Strength         ASTM C648         Matte ± 9         Outdoor Sensitech ± 20           Modulus of Rupture         ASTM C1050         5000 psi.         ≥ 2000 lbf. avg           Mohs' Scratch         C1895         Subject to the project (3)           Bond Strength         ASTM C1026         ± 50 psi. 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