



Glazed  
Porcelain  
Tiles



Compliant with standards ANSI A137.1-2022



**SIZE**  
11 3/4" x 23 5/8" - 30 x 60 cm

**THICKNESS**  
8 mm

**FINISH**  
matte

**V2 SLIGHT VARIATION**  
Clearly distinguishable differences in texture and/or pattern within similar colors.

**V3 MODERATE VARIATION**  
While the colors and/or texture present on a single piece of tile will be indicative of the colors and/or texture to be expected on the other tiles, the amount of colors and/or texture on each piece may vary significantly. It is recommended that the range be viewed before selection.

FIELD TILES	Commercial size (in)	Nominal size (in)	Thickness (mm)	Finish	Rectified edge
Available in all colors	12" x 24"	11 3/4" x 23 5/8"	8 mm	Matte	-
MOSAICS AND COORDINATING TRIMS	Commercial size (in)	Nominal size (in)	Thickness (mm)	Finish	
Available in all colors	Mosaic	11 3/4" x 11 3/4"	8 mm	Matte	Please refer to caliber chart for work sizes. Close joints are not recommended.
	Bullnose 3" x 24"	2 7/8" x 23 5/8"	8 mm	Matte	

## PERFORMANCE & FEATURES

### REGULARITY CHARACTERISTICS

	PROPERTY	ASTM TEST METHOD	PORCELAIN TILE SPECIFICATION				
			Calibrated		Rectified		
			Minimum	Maximum	Minimum	Maximum	
	Nominal Size	ASTM C499	-3.00%	3.00%	-3.00%	2.00%	Compliant
	Caliber Range (Variation from average facial dimension of sample)		-0.50% or -0.08 in (-2.0 mm) (*)	0.50% or 0.08 in (2.0 mm) (*)	-0.25% or -0.03 in (-0.8 mm) (*)	0.25% or 0.03 in (0.8 mm) (*)	Compliant
	Thickness <sup>(1)</sup>		N/A	Range: 0.40 in (1.02 mm)	N/A	Range: 0.40 in (1.02 mm)	Compliant
	Wedging	ASTM C502	-0.50% or -0.08 in (-2.0 mm) (*)	0.50% or 0.08 in (2.0 mm) (*)	-0.25% or -0.03 in (-0.8 mm) (*)	0.25% or 0.03 in (0.8 mm) (*)	Compliant
	Warpage Edge	ASTM C485	-0.75% or -0.09 in (-2.3 mm) (*)	0.75% or 0.09 in (2.3 mm) (*)	-0.40% or -0.05 in (-1.3 mm) <sup>(2)</sup> or -1.8 mm <sup>(3)</sup> (*)	0.40% or 0.05 in (1.3 mm) <sup>(2)</sup> or 1.8 mm <sup>(3)</sup> (*)	Compliant
	Warpage Diagonal		-0.50% or -0.08 in (-2.0 mm) (*)	0.50% or 0.08 in (2.0 mm) (*)	-0.40% or -0.07 in (-1.8 mm) (*)	0.40% or 0.07 in (1.8 mm) (*)	Compliant

### STRUCTURAL CHARACTERISTICS

	PROPERTY	ASTM TEST METHOD	ALL PORCELAIN TILES	
	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)	Compliant
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### SURFACE MECHANICAL CHARACTERISTICS

	Surface Abrasion Resistance	ASTM C1027	As Reported	Class IV
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### THERMAL AND IGROMETRIC CHARACTERISTICS

	Resistance to Freeze/Thaw Cycling	ASTM C1026	As Reported	Resistant
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### CHEMICAL CHARACTERISTICS

	Chemical Resistance	ASTM C650	As Reported	Unaffected
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	Stain Resistance	ASTM C1378	As Reported	Unaffected
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### SAFETY CHARACTERISTICS

	Dynamic coefficient of friction <sup>(4)</sup>	ANSI A326.3	Requires a minimum value of 0.42 for commercial areas that are likely to be wet	> 0.42 Wet
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(\*) Whichever is less  
 (1) May not apply to textured surfaces or tiles with uneven back patterns.  
 (2) Whichever is less, for tiles up to 24"x24" (610 mm x 610 mm).  
 (3) Applies to tiles larger than 24"x24" (610 mm x 610 mm).  
 (4) For updated manufacturer classification, according to ANSI A326.3 Section 4 - "Product Use Categories", please refer to our website.



CANYON



EDGE



ODYSSEY



ROAD

For more details please see the catalogue or visit [atlasconcordeusa.com](http://atlasconcordeusa.com)  
 The Health Product Declaration® logo is a registered trademark of HPD Collaborative.