












Sizes

12"x22"
±9mm

Porcelain Tile Specification

	PROPERTY	ASTM TEST METHOD	Porcelain Tile Specification				Craft
			Calibrated		Rectified		
			Minimum	Maximum	Minimum	Maximum	
REGULARITY CHARACTERISTICS	 Nominal Size Caliber Range (Variation from average facial dimension of sample) Thickness ⁽¹⁾	ASTM C499	-2.00%	2.00%	-2.00%	2.00%	Compliant
			-0.30% or -0.04 in (-1.0 mm) (*)	0.30% or 0.04 in (1.0 mm) (*)	-0.25% or -0.03 in (-0.8 mm) (*)	0.25% or 0.03 in (0.8 mm) (*)	Compliant
			N/A	Range: 0.031 in (0.79 mm)	N/A	Range: 0.031 in (0.79 mm)	Compliant
	 Wedging Warpage Edge Warpage Diagonal	ASTM C502	-0.40% or -0.05 in (-1.3 mm) (*)	0.40% or 0.05 in (-1.3 mm) (*)	-0.25% or -0.03 in (-0.8 mm) (*)	0.25% or 0.03 in (0.8 mm) (*)	Compliant
			ASTM C485	-0.30% or -0.04 in (-1.0 mm) (*)	-0.30% or -0.04 in (-1.0 mm) (*)	0.40% or 0.05 in (1.3 mm) (*)	0.40% or 0.05 in (1.3 mm) ⁽²⁾ or 1.8 mm ⁽³⁾ (*)
		-0.30% or -0.05 in (-1.3 mm) (*)		0.40% or 0.07 in (1.8 mm) (*)	-0.30% or -0.05 in (-1.3 mm) (*)	0.40% or 0.07 in (1.8 mm) (*)	Compliant
Wall Tiles							
STRUCTURAL CHARACTERISTICS	 Water Absorption	ASTM C373	≥ 10.0%				10% - 20%
BULK MECHANICAL CHARACTERISTICS	 Breaking strength	ASTM C648	Average ≥ 125 lbf. (1.11 kN) Individual ≥ 100 lbf. (0.44 kN)				≥175lbf. avg
PHISICAL PROPERTIES	 Bond Strength	ASTM C482	≥ 50 psi (0.34 Mpa)				≥100 psi
THERMAL AND IGROMETRIC CHARACTERISTICS	 Crazing Resistance	ASTM C424	Pass				Resistant
	 Thermal Shock Resistance	ASTM C484	Pass				
CHEMICAL CHARACTERISTICS	 Chemical Resistance	ASTM C650	As reported				Unaffected
	 Stain Resistance	ASTM C1378	As reported				Unaffected

(*) Whichever is less

(1) May not apply to textured surfaces or tiles with uneven back patterns.

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