

# Endless

12x24 Glazed Porcelain



70ENDWHI1224



70ENDBEI1224



70ENDWAR1224



70ENDSTO1224



2x2 Mosaic



Tile: 12x24  
Mosaic: 2x2  
Trim: 3x12 Bullnose

For more information  
and images:





### Technical Characteristics

Reference	Characteristic	Test Method	Required Values	Value	
Dimensional Standard	Calibrated	Nominal Size	ASTM C499	± 3%	Comply
		Caliber Range	ASTM C499	± 0.5%    ± 0.08 in	Comply
		Warpage Edge	ASTM C485	± 0.5%    ± 0.07 in	Comply
		Warpage Diagonal	ASTM C485	± 0.5%    ± 0.07 in	Comply
		Wedging	ASTM C502	± 0.5%    ± 0.08 in	Comply
	Rectified	Nominal Size	ASTM C499	- 3%    + 2%	Comply
		Caliber Range	ASTM C499	± 0.25%    ± 0.03 in	Comply
		Warpage Edge	ASTM C485	± 0.4%    ± 0.05 in	Comply
		Warpage Diagonal	ASTM C485	± 0.4%    ± 0.07 in	Comply
		Wedging	ASTM C502	± 0.25%    ± 0.03 in	Comply
Mechanical Standard	Thickness	ASTM C499	± 0.040 in	Comply	
	DEEP Abrasion	ASTM C1243	< 175mm <sup>3</sup>	~ 40 mm <sup>3</sup>	
	Bond Strength	ASTM C482	≥ 50 psi	Comply	
	Water Absorption	ASTM C373	Maximum 0.5%	~ 0.2%	
	Thermal Shock Resistance	ASTM C484	Pass	Comply	
	Chemical Resistance	ASTM C650	Pass	Comply	
	Stain Resistance	ASTM C1378	Pass	Comply	
	Breaking Strength	ASTM C648	≥ 275 lbf	Comply	
	Resistance to Freeze / Thaw Cycling	ASTM C1026	As Reported	Comply	
	Scratch Hardness	Mohs	Declared Value	Mohs ≥ 6	
	Fire reaction - floor	EN 13823	Not Required	A1fl class (No reaction)	
	Fire reaction - wall	EN 13823	Not Required	A1fl class (No reaction)	
	VOC	No VOC			
Dynamic Coefficient of Friction DCOF	ANSI A326.3	≥ 0.42 Wet	0.66		

Nominal Size	Actual Size	Thickness	Rectified
12" x 24"	11.81" x 23.62"	8.5 mm	-
2" x 2" Mosaic	11.81" x 11.81"	8.5 mm	-
3" x 12" Bullnose	3.15" x 11.81"	8.5 mm	-

Values reflect an average among tests performed in the manufacturer's laboratory according to the standard requirements and/or through a third party laboratory. Tests are performed on actual production, first choice material. Values may vary between single individual production runs.

Installation Note: The TCNA recommends rectangular shape tile be installed with maximum of 33% offset in order to resolve any possible lippage from one tile to the next.