

### Technical Characteristics

Characteristic	Test Method	Porcelain Tile Specification				Value
		Calibrated		Rectified		
		Minimum	Maximum	Minimum	Maximum	
Nominal Size	ASTM C499	- 3%	+ 3%	- 3%	+ 2%	Compliant
Caliber Range		- 0.5% or - 0.08 in	+ 0.5% or + 0.08 in	- 0.25% or - 0.03 in	+ 0.25% or + 0.03 in	Compliant
Thickness		N/A	Range: 0.4 in	N/A	Range: 0.4 in	Compliant
Wedging	ASTM C502	- 0.5% or - 0.08 in	+ 0.5% or + 0.08 in	- 0.25% or - 0.03 in	+ 0.25% or + 0.03 in	Compliant
Warpage Edge	ASTM C485	- 0.75% or - 0.09 in	+ 0.75% or + 0.09 in	- 0.40% or - 0.05 in	+ 0.40% or + 0.05 in	Compliant
Warpage Diagonal		- 0.5% or - 0.08 in	+ 0.5% or + 0.08 in	- 0.40% or - 0.07 in	+ 0.40% or + 0.07 in	Compliant
<b>All Porcelain Tiles</b>						
Water Absorption	ASTM C373	≤ 0.5%				≤ 0.5%
Breaking Strength	ASTM C648	Average ≥ 250 lbf; Individual ≥ 225 lbf				≥ 350 lbf avg
Bond Strength	ASTM C482	≥ 50 psi				≥ 100 psi
Resistance to Freeze/ Thaw Cycling	ASTM C1026	As Reported				Resistant
Chemical Resistance	ASTM C650	As Reported				Unaffected
Stain Resistance	ASTM C1378	As Reported				Unaffected
Dynamic Coefficient of Friction	DCOF (Wet)	Requires a minimum value of 0.42 for commercial areas that are likely to be wet				> 0.42
VOC		<b>No VOC</b>				

Nominal Size	Actual Size	Thickness	Finish	Rectified
3" x 12"	2.77" x 11.81"	9 mm	Matte	-
12" x 24"	11.81" x 23.62"	9 mm	Matte	-
24" x 48"	23.62" x 47.24"	9 mm	Matte	Yes
1" x 3" or 1" x 4" Herringbone	12.16" x 11.57" -OR- 11.81" x 11.81" sheet*	9 mm	Matte	-
2" x 2" Mosaic	11.75" x 11.75" -OR- 11.81" x 11.81" sheet*	9 mm	Matte	-
6" x 7" Hexmark Mosaic	10.63" x 12.2"	9 mm	Matte	-
12" x 12" Tatami Mosaic	11.81" x 11.81" (1" x 6" piece)	9 mm	Matte	-
3" x 24" Bullnose	2.83" x 23.62"	9 mm	Matte	-
6" x 12" Cove Base	5.91" x 11.81"	8.5 mm (7 mm flat)	Matte	-

\* Depending on color. See QR code for details.

All tile is subject to variations in technical specifications and performance due to the inherent variables in the raw materials and production process. It is understood that test results on a particular product may vary slightly from tile to tile and from test to test. Test results are not guarantees of minimum or maximum thresholds of performance.



12x24 Color Body Porcelain



15FRAWHI1224



15FRAIVO1224



15FRASAN1224



15FRATAU1224



15FRAPEA1224



15FRAGRA1224



15FRASMO1224



15FRATOB1224



15FRABLA1224



15FRAWHM1224



15FRAGRM1224



15FRABLM1224



2x2 Mosaic  
(All colors)



Herringbone Mosaic  
(All colors)



Hexmark Mosaic  
(All colors)



15FRAWAR12T



15FRACOL12T



**QuickSHIP** (noted colors only)

Tile: 3x12 - 12x24

Mosaics: 1x3 Herringbone - 2x2

**Special Order**

Tile: 3x12 - 12x24 - 24x48

Mosaics: 1x4 Herringbone - 2x2  
12x12 Tatami - 6x7 Hexmark

Trim: 3x24 Bullnose - 6x12 Cove Base

*Not all colors available in all sizes or finishes*