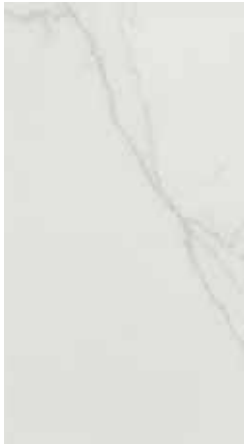


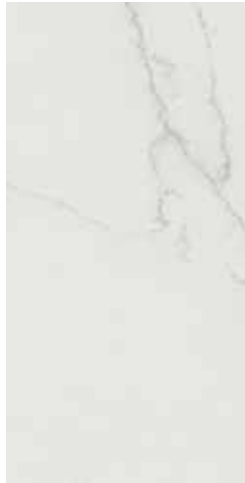
Liberty

12x22 Ceramic Wall

12x24 Color Body Porcelain



15LIBCAL1222
(Glossy Wall)



15LIBCAL1224



15LIBNEW1224



15LIBFRA1224



15LIBMON1224



Herringbone Mosaic



Prism Mosaic



Brick Mosaic



Chevron Mosaic



Honeycomb Mosaic



2x2 Mosaic



QuickSHIP (noted colors only)

Tile: 3x12 Wall - 12x22 Wall - 12x24

Trim: 2x12 Wall Bullnose

Special Order

Mosaics: 1x2 Herringbone - 2x2 - 2x4 Brick
2x5 Chevron - 10x12 Honeycomb
11x11 Prism Wall

Trim: 3x24 Bullnose - 6x12 Cove Base

*Not all colors available in all sizes or finishes;
All Wall (Tiles/Mosaics/Trim) are made in Italy*

For more information
and images:



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
All Porcelain Tiles						
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	No VOC					

Nominal Size	Actual Size	Thickness	Finish	Rectified
3" x 12" Wall	3.15" x 12.4"	8.5 mm	Glossy	-
12" x 22" Wall	12.01" x 22.05"	8.5 mm	Glossy	-
12" x 24"	11.81" x 23.62"	9 mm	Matte	-
1" x 2" Herringbone Wall Mosaic	11.81" x 11.81"	8.5 mm	Glossy	-
2" x 2" Mosaic	11.81" x 11.81"	9 mm	Matte	-
2" x 4" Brick Mosaic	11.81" x 11.81"	9 mm	Matte	-
2" x 5" Chevron Mosaic	7.48" x 12.4"	9 mm	Matte	-
10" x 12" Honeycomb Mosaic	9.45" x 11.81" (3" x 3.5" piece)	9 mm	Matte	-
11" x 11" Prism Wall Mosaic	11.02" x 11.02" (2.75" x 5.5" piece)	8.5 mm	Glossy	-
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 part)	Matte	-
2" x 12" Wall Bullnose	1.97" x 12.01"	8.5 mm	Glossy	-

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.

For your convenience, select products are stocked in our Central Service Center.