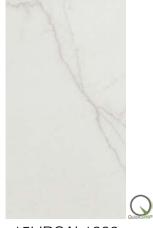
Liberty

12x22 Ceramic Wall 12x24 Color Body Porcelain















15LIBCAL1222 (Glossy Wall)

15LIBCAL1224

15LIBNEW1224

15LIBFRA1224

15LIBMON1224



Herringbone Mosaic



Prism Mosaic



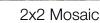
Brick Mosaic



Chevron Mosaic

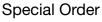


Honeycomb Mosaic





Tile: 12x22 Wall - 12x24



Tile: 3x12

Mosaics: 1x2 Herringbone - 2x2 - 2x4 Brick

2x5 Chevron - 10x12 Honeycomb

11x11 Prism Wall

Trim: 2x2 Wall Bullnose, 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:





Liberty

Ceramic Wall / Color Body Porcelain











Technical Characteristics

Ob ava ataviatia	Test Method	Calibrated		Rectified		Value
Characteristic		Minimum	Maximum	Minimum	Maximum	Value
Nominal Size	ASTM C499	- 3%	+ 3%	- 3%	+ 2%	Compliant
Caliber Range		- 0.5% or	+ 0.5% or	- 0.25% or	+ 0.25% or	Compliant
		- 0.08 in	+ 0.08 in	- 0.03 in	+ 0.03 in	
Thickness		N/A	Range: 0.4 in	N/A	Range: 0.4 in	Compliant
Wedging	ASTM C502	- 0.5% or	+ 0.5% or	- 0.25% or	+ 0.25% or	Compliant
		- 0.08 in	+ 0.08 in	- 0.03 in	+ 0.03 in	
Warpage Edge	ASTM C485	- 0.75% or	+ 0.75% or	- 0.40% or	+ 0.40% or	Compliant
		- 0.09 in	+ 0.09 in	- 0.05 in	+ 0.05 in	
Warpage Diagonal		- 0.5% or	+ 0.5% or	- 0.40% or	+ 0.40% or	Compliant
		- 0.08 in	+ 0.08 in	- 0.07 in	+ 0.07 in	
		All Porcelain Tiles				
Water Absorption	ASTM C373		≤ 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/	ASTM C1026	As Reported			Resistant	
Thaw Cycling	A31101 0 1020		i icoiotaiit			
Chemical Resistance	ASTM C650		Unaffected			
Stain Resistance	ASTM C1378	As Reported				Unaffected
Dynamic Coefficient of	DCOF (Wet)	Requires a minimum value of 0.42 for commercial areas				> 0.42
Friction	DOOF (vvel)	that are likely to be wet				
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	Matte	-
		part)		
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.



