

Horizons

12x24 Color Body Porcelain

mosaic 
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70HORWHI1224



70HORIVO1224



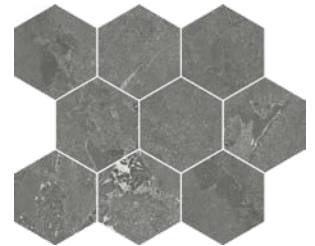
70HORGRY1224



70HORGRP1224



2x2 Mosaic



4" Hexagon



Tile: 4x12 - 12x24 - 24x24 - 24x48
Mosaic: 2x2 - 4" Hexagon
Trim: 4x24 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 ³		~ 40 mm ³	
	Bond Strength	ASTM C482	≥ 50 psi		Comply	
	Water Absorption	ASTM C373	Maximum 0.5%		~ 0.1%	
	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 ≥ 7	
	Fire Reaction - Floor	EN 13823	Not Required		A1fl class (No reaction)	
	Fire Reaction - Wall	EN 13823	Not Required		A1 class (No reaction)	
	VOC	No VOC				
Dynamic Coefficient of Friction DCOF	ANSI A326.3	≥ 0.42 Wet	Nat	0.45		

Nominal Size	Actual Size	Thickness	Rectified
4" x 12"	3.94" x 11.81"	8.5 mm	Yes
12" x 24"	11.81" x 23.62"	8.5 mm	Yes
24" x 24"	23.62" x 23.62"	8.5 mm	Yes
24" x 48"	23.62" x 47.24"	8.5 mm	Yes
2" x 2" Mosaic	11.81" x 11.81"	8.5 mm	-
4" Hexagon Mosaic	10.24" x 11.81"	8.5 mm	-
4" x 24" Bullnose	3.94" x 23.62"	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.