

EVALUATED FEATURE	TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 8)	RESULTS	CONCLUSION	
DIMENSIONS					
			(%) (mm)		
* Nominal Size, mm					
Nominal length: 600.0 mm	ASTM C499	± 3.00%	0.00 0.00	Comply	
Manufacturing length: 600.0 mm					
Nominal width: 200.0 mm			± 3.00%		0.00 0.00
Manufacturing width: 200.0 mm					
* Caliber Range					
Manufacturing length: 600.0 mm	ASTM C499	± 0.50%; ± 2.00mm	0.15 0.90	Comply	
Average length: 600.9 mm					
Manufacturing width: 200.0 mm			± 0.50%; ± 2.00mm		-0.05 -0.10
Average width: 199.9 mm					
* Warpage Edge, %					
Length	ASTM C485	± 0.75%; ± 2.00mm	0.16 0.00 1.00 0.00	Comply	
Width			0.00 -0.08 0.00 -0.11		
* Warpage Diagonal, %	ASTM C485	± 0.50%; ± 2.00mm	0.25 0.00 1.60 0.00	Comply	
* Wedging, %	ASTM C502	± 0.50%; ± 2.00mm	0.09 -0.05 0.60 -0.30	Comply	
* Thickness, mm					
Manufacturing: 8.5 mm	ASTM C499	Max. 1.02 mm	-1.18 -0.10	Comply	
Average result: 8.4 mm					
PHYSICAL PROPERTIES					
* Visible Abrasion Resistance	ASTM C1027	As reported	PEI II	-	
* Water Absorption, %	ASTM C373	Non-Vitreous (P4) 7.0% < wa ≤ 20.0%	8.10	Comply	
* Craze Resistance	ASTM C424	Pass	Approved	Comply	
* Breaking Strength, lbf	ASTM C648	Average ≥ 250 Individual ≥ 225	291 278	Comply Comply	
* Dynamic coefficient of friction - DCOF Wet	ANSI A137.1 Section 9.6	≥ 0.42	0.51	Comply	
CHEMICAL PROPERTIES					
* Chemical Resistance	ASTM C650	As reported	Resistant	Comply	
* Stain Resistance	ASTM C1378	As reported	Resistant	Comply	
<p>Requirements verified as indicated in AMERICAN STANDARD, ANSI A137.1. AMERICAN NATIONAL STANDARD SPECIFICATIONS FOR CERAMIC TILE / Table 8: Pressed Floor Tile The weight, the tone and the dimensions are subject to some of the typical unavoidable variations of the processes of ceramic cooking.</p>					
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