

EVALUATED FEATURE	TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 8)	RESULTS		CONCLUSION		
<b>DIMENSIONS</b>							
			(%)	(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	Comply	
Manufacturing width: 200.0 mm							
* Caliber Range							
Manufacturing length: 600.0 mm	ASTM C499	± 0.50%; ± 2.00mm	0.10	0.60	Comply		
Average length: 600.6 mm							
Manufacturing width: 200.0 mm			± 0.50%; ± 2.00mm	-0.20	-0.40	Comply	
Average width: 199.6 mm							
* Warpage Edge, %							
Length	ASTM C485	± 0.75%; ± 2.00mm	0.18	0.00	1.07	0.00	Comply
Width			0.00	-0.08	0.00	-0.11	Comply
* Warpage Diagonal, %	ASTM C485	± 0.50%; ± 2.00mm	0.24	0.00	1.50	0.00	Comply
* Wedging, %	ASTM C502	± 0.50%; ± 2.00mm	0.15	-0.02	1.00	-0.10	Comply
* Thickness, mm							
Manufacturing: 8.5 mm	ASTM C499	Max. 1.02 mm	-1.18	-0.10		Comply	
Average result: 8.4 mm							
<b>PHYSICAL PROPERTIES</b>							
* Visible Abrasion Resistance	ASTM C1027	As reported	PEI III		-		
* Water Absorption, %	ASTM C373	Non-Vitreous (P4) 7.0% < wa ≤ 20.0%	8.00		Comply		
* Craze Resistance	ASTM C424	Pass	Approved		Comply		
* Breaking Strength, lbf	ASTM C648	Average ≥ 250 Individual ≥ 225	304 291		Comply Comply		
* Dynamic coefficient of friction - DCOF Wet	ANSI A137.1 Section 9.6	≥ 0.42	0.44		Comply		
<b>CHEMICAL PROPERTIES</b>							
* 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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