

TECHNICAL SHEET
PRD MRM VALERIA II BCO BR 30X60EXT1.81

EVALUATED FEATURE	TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 9)	RESULTS	CONCLUSION
DIMENSIONS				
			(%) (mm)	
* Nominal Size, mm				
Nominal length: 600.0 mm	ASTM C499	± 2.00%	0.33 2.00	Comply
Manufacturing length: 602.0 mm				
Nominal width: 300.0 mm				
Manufacturing width: 302.0 mm				
* Caliber Range				
Manufacturing length: 602.0 mm	ASTM C499	± 0.30%; ± 1.00mm	0.07 0.40	Comply
Average length: 602.4 mm				
Manufacturing width: 302.0 mm				
Average width: 301.2 mm				
* Warpage Edge, %				
Length	ASTM C485	0,40% / -0.30% ; 1.30mm / -1.00mm	0.15 0.00 0.90 0.00	Comply
Width			0.00 -0.10 0.00 -0.29	
* Warpage Diagonal, %	ASTM C485	0,40% / -0.30% ; 1.80mm / -1.30mm	0.13 0.00 0.90 0.00	Comply
* Wedging, %	ASTM C502	± 0.40%; ± 1.30mm	0.12 -0.03 0.79 -0.18	Comply
* Thickness, mm				
Manufacturing: 8.0 mm	ASTM C499	Max. 0.79 mm	0.00 0.00	Comply
Average result: 8.0 mm				
PHYSICAL PROPERTIES				
* Water Absorption, %	ASTM C373	Non-Vitreous (P4) 7.0% < wa ≤ 20.0%	12.1	Comply
* Craziing Resistance	ASTM C424	Pass	Approved	Comply
* Breaking Strength, lbf	ASTM C648	Average ≥ 125 Individual ≥ 100	244 231	Comply 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 9: Glazed Wall 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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