

EVALUATED FEATURE	TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 9)	RESULTS	CONCLUSION
DIMENSIONS				
* Nominal Size, mm			(%) (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	0.06 0.39	Comply
Average length: 602.4 mm				
Manufacturing width: 302.0 mm				
Average width: 301.4 mm				
* Warpage Edge, %				
Length	ASTM C485	0,40% / -0.30% ; 1.30mm / -1.00mm	0.12 -0.08 0.73 -0.46	Comply
Width				
* Warpage Diagonal, %	ASTM C485	0,40% / -0.30% ; 1.80mm / -1.30mm	0.16 0.00 1.11 0.00	Comply
* Wedging, %	ASTM C502	± 0.40%; ± 1.30mm	0.12 -0.03 0.82 -0.21	Comply
* Thickness, mm				
Manufacturing: 8.0 mm	ASTM C499	Max. 0.79 mm	-1.25 -0.10	Comply
Average result: 7.9 mm				
PHYSICAL PROPERTIES				
* Water Absorption, %	ASTM C373	Non-Vitreous (P4) 7.0% < wa ≤ 20.0%	12.7	Comply
* Craziing Resistance	ASTM C424	Pass	Approved	Comply
* Breaking Strength, lbf	ASTM C648	Average ≥ 125 Individual ≥ 100	246 237	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>				
DATE OF ISSUE			Thursday, July 22, 2021	
Prepared by: Quality Supervisor			Reviewed by: Manager Quality Assurance	
César Prado R.			Marlene Chauca R.	

TECHNICAL SHEET
PRD LSO BLANCO BRILLANTE 27X45 EXTEMS 2.07
Not rectified

EVALUATED FEATURE	TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 9)	RESULTS	CONCLUSION
DIMENSIONS				
* Nominal Size, mm			(%) (mm)	
Nominal length: 451.0 mm	ASTM C499	± 2.00%	0.02 0.10	Comply
Manufacturing length: 451.1 mm				
Nominal width: 271.0 mm				
Manufacturing width: 271.0 mm				
* Caliber Range				
Manufacturing length: 451.1 mm	ASTM C499	± 0.30%; ± 1.00mm	-0.02 -0.10	Comply
Average length: 451.0 mm				
Manufacturing width: 271.0 mm				
Average width: 271.0 mm				
* Warpage Edge, %	ASTM C485	± 0.30%; ± 1.0mm	0.11 0.00 0.50 0.00	Comply
Length			0.00 -0.07 0.00 -0.20	
Width				
* Warpage Diagonal, %	ASTM C485	± 0.30%; ± 1.30mm	0.11 0.00 0.60 0.00	Comply
* Wedging, %	ASTM C502	± 0.40%; ± 1.30mm	0.13 -0.08 0.70 -0.40	Comply
* Thickness, mm				
Manufacturing: 6.0 mm	ASTM C499	Max. 0.79 mm	3.33 0.20	Comply
Average result: 6.2 mm				
PHYSICAL PROPERTIES				
* Water Absorption, %	ASTM C373	Non-Vitreous (P4) 7% < wa ≤ 20.0%	11.00	Comply
* Craziing Resistance	ASTM C424	Pass	Approved	Comply
* Breaking Strength, lbf	ASTM C648	Average ≥ 125 Individual ≥ 100	162 155	Comply Comply
CHEMICAL PROPERTIES				
* Chemical Resistance	ASTM C650	As reported	Class A	-
* Stain Resistance	ASTM C1378	As reported	Class A	-
* Stain Products domestic use		As reported	Resistant	-
<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>				
DATE OF ISSUE			Monday, Nov 14, 2022	
Prepared by: Quality Supervisor			Reviewed by: Manager Quality Assurance	
Zoila del Valle V.			Marlene Chauca R.	