

TECHNICAL SHEET
PORC PDRA ANTICO STONE GREY 30X61EXT1.66

EVALUATED FEATURE	TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 10)	RESULTS	CONCLUSION
DIMENSIONS				
* Nominal Size, mm			(%) (mm)	
Nominal length: 610.0 mm	ASTM C499	± 3.00%	0.00 0.00	Comply
Manufacturing length: 610.0 mm				
Nominal width: 300.0 mm				
Manufacturing width: 303.0 mm				
* Caliber Range				
Manufacturing length: 610.0 mm	ASTM C499	± 0.50%; ± 2.00mm	-0.08 -0.50	Comply
Average length: 609.5 mm				
Manufacturing width: 303.0 mm				
Average width: 302.7 mm				
* Warpage Edge,%	ASTM C485	± 0.50%; ± 1.80mm	0.07 -0.02 0.40 -0.10	Comply
* Warpage Diagonal, %	ASTM C485	± 0.50%; ± 1.80mm	0.04 -0.07 0.30 -0.50	Comply
* Wedging, %	ASTM C502	± 0.50%; ± 2.00mm	0.04 -0.03 0.30 -0.20	Comply
* Thickness, mm				
Manufacturing: 9.0 mm	ASTM C499	Max. 1.02 mm	-2.22 -0.20	Comply
Average result: 8.8 mm				
PHYSICAL PROPERTIES				
* Visible Abrasion Resistance	ASTM C1027	As reported	PEI III	-
* Water Absorption, %	ASTM C373	Impervious Porcelain (P1) wa ≤0.5%	0.40	Comply
* Crazeing Resistance	ASTM C424	Pass	Approved	Comply
* Breaking Strength, lbf	ASTM C648	Average ≥ 275 Individual ≥ 250	421 409	Comply Comply
* Dynamic coefficient of friction - DCOF Wet	ANSI A137.1 Section 9.6	≥ 0.42	0.50	Comply
CHEMICAL PROPERTIES				
* Chemical Resistance	ASTM C650	As reported	Resistant	Comply
* Stain Resistance	ASTM C1378	As reported	Resistant	Comply
Requirements verified as indicated in AMERICAN STANDARD, ANSI A137.1. AMERICAN NATIONAL STANDARD SPECIFICATIONS FOR CERAMIC TILE / Table 10: Porcelain Tile The weight, the tone and the dimensions are subject to some of the typical unavoidable variations of the processes of ceramic cooking.				
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Prepared by: Quality Supervisor			Reviewed by: Manager Quality Assurance	
César Prado R.			Marlene Chauca R.	

TECHNICAL SHEET
PORC PDRA ANTICO STONE BOND 30X61EXT1.66

EVALUATED FEATURE	TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 10)	RESULTS	CONCLUSION
DIMENSIONS				
* Nominal Size, mm			(%) (mm)	
Nominal length: 610.0 mm	ASTM C499	± 3.00%	0.00 0.00	Comply
Manufacturing length: 610.0 mm				
Nominal width: 300.0 mm				
Manufacturing width: 303.0 mm				
* Caliber Range				
Manufacturing length: 610.0 mm	ASTM C499	± 0.50%; ± 2.00mm	0.07 0.40	Comply
Average length: 610.4 mm				
Manufacturing width: 303.0 mm				
Average width: 303.3 mm				
* Warpage Edge,%	ASTM C485	± 0.50%; ± 1.80mm	0.10 0.00 0.58 0.00	Comply
* Warpage Diagonal, %	ASTM C485	± 0.50%; ± 1.80mm	0.06 -0.02 0.43 -0.12	Comply
* Wedging, %	ASTM C502	± 0.50%; ± 2.00mm	0.07 -0.04 0.48 -0.27	Comply
* Thickness, mm				
Manufacturing: 9.0 mm	ASTM C499	Max. 1.02 mm	-1.11 -0.10	Comply
Average result: 8.9 mm				
PHYSICAL PROPERTIES				
* Visible Abrasion Resistance	ASTM C1027	As reported	PEI III	-
* Water Absorption, %	ASTM C373	Impervious Porcelain (P1) wa ≤0.5%	0.40	Comply
* Crazeing Resistance	ASTM C424	Pass	Approved	Comply
* Breaking Strength, lbf	ASTM C648	Average ≥ 275 Individual ≥ 250	442 431	Comply Comply
* Dynamic coefficient of friction - DCOF Wet	ANSI A137.1 Section 9.6	≥ 0.42	0.49	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 10: Porcelain 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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TECHNICAL SHEET
PORC PDRA ANTICO STONE WHT 30X61EXT1.66

EVALUATED FEATURE	TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 10)	RESULTS	CONCLUSION
DIMENSIONS				
* Nominal Size, mm			(%) (mm)	
Nominal length: 610.0 mm	ASTM C499	± 3.00%	0.00 0.00	Comply
Manufacturing length: 610.0 mm				
Nominal width: 300.0 mm				
Manufacturing width: 303.0 mm				
* Caliber Range				
Manufacturing length: 610.0 mm	ASTM C499	± 0.50%; ± 2.00mm	-0.06 -0.36	Comply
Average length: 609.6 mm				
Manufacturing width: 303.0 mm				
Average width: 303.0 mm				
* Warpage Edge,%	ASTM C485	± 0.50%; ± 1.80mm	0.06 0.00 0.34 0.00	Comply
* Warpage Diagonal, %	ASTM C485	± 0.50%; ± 1.80mm	0.05 -0.06 0.35 -0.41	Comply
* Wedging, %	ASTM C502	± 0.50%; ± 2.00mm	0.07 -0.03 0.48 -0.23	Comply
* Thickness, mm				
Manufacturing: 9.0 mm	ASTM C499	Max. 1.02 mm	-2.22 -0.20	Comply
Average result: 8.8 mm				
PHYSICAL PROPERTIES				
* Visible Abrasion Resistance	ASTM C1027	As reported	PEI III	-
* Water Absorption, %	ASTM C373	Impervious Porcelain (P1) wa ≤0.5%	0.40	Comply
* Craze Resistance	ASTM C424	Pass	Approved	Comply
* Breaking Strength, lbf	ASTM C648	Average ≥ 275 Individual ≥ 250	471 449	Comply Comply
* Dynamic coefficient of friction - DCOF Wet	ANSI A137.1 Section 9.6	≥ 0.42	0.50	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 10: Porcelain 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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