

TECHNICAL SHEET
PORC RF CMTO CONCRETO GRIS 60X60 EXT1.44

EVALUATED FEATURE	TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 10)	RESULTS	CONCLUSION
DIMENSIONS				
* Nominal Size, mm Nominal Size: 600.0 mm Manufacturing Size: 600.0 mm	ASTM C499	- 3.00% / 2.00%	(%) (mm) 0.00 0.00	Comply
* Caliber Range Manufacturing Size: 600.0 mm Average Size: 599.8 mm	ASTM C499	± 0.25%; ± 0.80mm	-0.03 -0.20	Comply
* Warpage Edge,%	ASTM C485	± 0.40%; ± 1.30mm	0.10 -0.02 0.60 -0.10	Comply
* Warpage Diagonal, %	ASTM C485	± 0.40%; ± 1.80mm	0.09 -0.01 0.80 -0.10	Comply
* Wedging, %	ASTM C502	± 0.25%; ± 0.80mm	0.02 -0.02 0.21 -0.16	Comply
* Thickness, mm Manufacturing: 9.5 mm Average result: 9.6 mm	ASTM C499	Max. 1.02 mm	1.05 0.10	Comply
PHYSICAL PROPERTIES				
* Visible Abrasion Resistance	ASTM C1027	As reported	PEI II	-
* Water Absorption, %	ASTM C373	Impervious Porcelain (P1) wa ≤ 0.5%	0.20	Comply
* Craze Resistance	ASTM C424	Pass	Approved	Comply
* Breaking Strength, lbf	ASTM C648	Average ≥ 275 Individual ≥ 250	423 408	Comply Comply
* Dynamic coefficient of friction - DCOF Wet	ANSI A137.1 Section 9.6	≥ 0.42	0.55	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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Prepared by: Quality Supervisor			Reviewed by: Manager Quality Assurance	
César Prado R.			Marlene Chauca R.	