TECHNICAL SHEET
PISO CAOBA CARAMELO 20x60

EVALUATED FEATURE		TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 8)	RESULTS				CONCLUSION
DIMENSIONS								
				(%)		(mm)		
* Nominal Size, mm								
Nominal length:	600.0 mm							
Manufacturing length:	600.0 mm	ASTM C499	± 3.00%	0.00		0.00		Comply
Nominal width:	200.0 mm							
Manufacturing width:	200.0 mm		± 3.00%	0.00		0.00		Comply
* Caliber Range								
Manufacturing length:	600.0 mm							
Average length:	600.4 mm	ASTM C499	± 0.50%; ± 2.00mm	0.07		0.40		Comply
Manufacturing width:	200.0 mm							
Average width:	199.9 mm		± 0.50%; ± 2.00mm	-0.05		-0.10		Comply
* Warpage Edge,%								
Length		ASTM C485	± 0.75%; ± 2.00mm	0.18	0.00	1.01	0.00	Comply
Width				0.00	-0.08	0.00	-0.11	Comply
* Warpage Diagonal, %		ASTM C485	± 0.50%; ± 2.00mm	0.15	0.00	0.95	0.00	Comply
* Wedging, %		ASTM C502	± 0.50%; ± 2.00mm	0.06	-0.06	0.40	-0.40	Comply
* Thickness, mm								
Manufacturing:	8.5 mm							
Average result:	8.3 mm	ASTM C499	Max. 1.02 mm	-2.35		-0.20		Comply
PHYSICAL PROPERTIES								
* Visible Abrasion Resistance		ASTM C1027	As reported	PEI II				-
* Water Absorption, %		ASTM C373	Non-Vittreous (P4) 7.0% < wa ≤ 20.0%	8.00				Comply
* Crazing Resistance		ASTM C424	Pass	Approved				Comply
* Breaking Strength, lbf		ASTM C648	Average ≥ 250	291				Comply
			Individual ≥ 225	282				Comply
* Dynamic coefficient of friction - DCOF Wet		ANSI A137.1 Section 9.6	≥ 0.42	0.46				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 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.

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