

# SPECS SHEET

<b>White Carrara - 12" x 24"</b>							
EVALUATED FEATURE	TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 10)	RESULTS		CONCLUSION		
<b>DIMENSIONS</b>							
			(%)	(mm)			
* Nominal Size, 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	0.13	0.81	Comply		
Average length: 610.8 mm							
Manufacturing width: 303.0 mm							
Average width: 303.6 mm							
* Warpage Edge, %							
Length	ASTM C485	± 0.50%; ± 1.80mm	0.00	-0.20	0.00	-1.22	Comply
Width			0.00	-0.17	0.00	-0.52	
* Warpage Diagonal, %	ASTM C485	± 0.50%; ± 1.80mm	0.24	-0.24	0.00	-1.64	Comply
* Wedging, %	ASTM C502	± 0.50%; ± 2.00mm	0.08	-0.05	0.54	-0.31	Comply
* Thickness, mm							
Manufacturing: 9.0 mm	ASTM C499	Max. 1.02 mm	-1.51	-0.14	Comply		
Average result: 8.9 mm							
<b>PHYSICAL PROPERTIES</b>							
* Visible Abrasion Resistance	ASTM C1027	As reported	PEI IV		-		
* Water Absorption, %	ASTM C373	Impervious Porcelain (P1) wa ≤ 0.5%	0.30		Comply		
* Craze Resistance	ASTM C424	Pass	Approved		Comply		
* Breaking Strength, lbf	ASTM C648	Average ≥ 275 Individual ≥ 250	430 415		Comply Comply		
* Dynamic coefficient of friction - DCOF Wet	ANSI A137.1 Section 9.6	≥ 0.42	0.49		Comply		
<b>CHEMICAL PROPERTIES</b>							
* 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.							
<b>DATE OF ISSUE</b>			Friday, February 12, 2021				
<b>Prepared by: Quality Supervisor</b>			<b>Reviewed by: Manager Quality Assurance</b>				
José Miranda			Marlene Chauca R.				

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<b>White Carrara - 24" x 24"</b>					
EVALUATED FEATURE	TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 10)	RESULTS	CONCLUSION	
<b>DIMENSIONS</b>					
* Nominal Size, mm			(%)      (mm)		
Nominal Size:      610.0 mm	ASTM C499	± 3.00%	0.00      0.00	Comply	
Manufacturing Size:      610.0 mm					
* Caliber Range					
Manufacturing Size:      610.0 mm	ASTM C499	± 0.50%; ± 2.00mm	-0.07      -0.40	Comply	
Average Size:      609.6 mm					
* Warpage Edge, %	ASTM C485	± 0.50%; ± 1.80mm	0.04   -0.04   0.22   -0.23	Comply	
* Warpage Diagonal, %	ASTM C485	± 0.50%; ± 1.80mm	0.02   -0.07   0.15   -0.57	Comply	
* Wedging, %	ASTM C502	± 0.50%; ± 2.00mm	0.11   -0.03   0.94   -0.23	Comply	
* Thickness, mm					
Manufacturing:      9.5 mm	ASTM C499	Max. 1.02 mm	-1.38      -0.13	Comply	
Average result:      9.4 mm					
<b>PHYSICAL PROPERTIES</b>					
* Visible Abrasion Resistance	ASTM C1027	As reported	PEI IV	-	
* 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	534 525	Comply Comply	
* Dynamic coefficient of friction - DCOF Wet	ANSI A137.1 Section 9.6	≥ 0.42	0.50	Comply	
<b>CHEMICAL PROPERTIES</b>					
* 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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