

## TECHNICAL SHEET GRSPB PDRA VALENCIA BEIGE 30X61 EXT 1.67

EVALUATED FEATURE		TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 8)	RESULTS		CONCLUSION
		]	DIMENSIONS			
* Nominal Size, mm				(%)	(mm)	
Nominal length: Manufacturing length: Nominal width: Manufacturing width:	610.0 mm 610.0 mm 300.0 mm 303.0 mm	ASTM C499	± 3.00%	0.00	0.00	Comply
* Caliber Range  Manufacturing length:  Average length:  Manufacturing width:  Average width:	610.0 mm 608.7 mm 303.0 mm 302.5 mm	ASTM C499	± 0.50%; ± 2.00mm ± 0.50%; ± 2.00mm	-0.21	-1.30 -0.50	Comply
* Warpage Edge,% Length Width	002.0 Hilli	ASTM C485	± 0.75%; ± 2.00mm	0.11 0.00 0.00 -0.10	0.66 0.00 0.00 -0.29	Comply Comply
* Warpage Diagonal, %  * Wedging, %  * Thickness, mm  Manufacturing:	8.5 mm	ASTM C485 ASTM C502	± 0.50%; ± 2.00mm ± 0.50%; ± 2.00mm	0.04 -0.08 0.07 -0.03	0.26 -0.52 0.48 -0.19	Comply Comply
Average result:	8.6 mm	ASTM C499	Max. 1.02 mm	1.18	0.10	Comply
		PHYS	ICAL PROPERTIES			
* Visible Abrasion Resistance		ASTM C1027	As reported Vitreous (P2)		EI III	-
* Water Absorption, %  * Crazing Resistance		ASTM C373 ASTM C424	0.5%< wa ≤ 3.0% Pass		oved	Comply Comply
* Breaking Strength, lbf		ASTM C648	Average ≥ 250 Individual ≥ 225	38	87 62	Comply Comply
* Dynamic coefficient of friction - DO Wet	COF	ANSI A137.1 Section 9.6	≥ 0.42	0.	48	Comply
		CHEM	ICAL PROPERTIES			
* Chemical Resistance * Stain Resistance		ASTM C650 ASTM C1378	As reported As reported		stant	Comply Comply
Requirements verified	as indicated in AMF	ERICAN STAND	ARD, 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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César Prado R.	Marlene Chauca R.		



## TECHNICAL SHEET GRSPB PDRA VALENCIA GREY 30X61 EXT 1.67

EVALUATED FEATURE		TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 8)	RESULTS		CONCLUSION
		D	IMENSIONS			
* Nominal Size, mm				(%)	(mm)	
Nominal length:  Manufacturing length:  Nominal width:  Manufacturing width:	610.0 mm 610.0 mm 300.0 mm 303.0 mm	ASTM C499	± 3.00% ± 3.00%	0.00	0.00	Comply
* Caliber Range Manufacturing length: Average length: Manufacturing width: Average width:	610.0 mm 610.1 mm 303.0 mm 303.2 mm	ASTM C499	± 0.50%; ± 2.00mm ± 0.50%; ± 2.00mm	0.02	0.10 0.20	Comply Comply
* Warpage Edge,% Length Width  * Warpage Diagonal, %  * Wedging, %		ASTM C485 ASTM C485 ASTM C502	± 0.75%; ± 2.00mm ± 0.50%; ± 2.00mm ± 0.50%; ± 2.00mm	0.02 -0.07 0.00 -0.07 0.00 -0.10 0.06 -0.04	0.10 -0.40 0.00 -0.20 0.00 -0.65 0.40 -0.30	Comply Comply Comply Comply
* Thickness, mm Manufacturing: Average result:	8.5 mm 8.8 mm	ASTM C499	Max. 1.02 mm	3.53	0.30	Comply
			CAL PROPERTIES	T		Π
* Visible Abrasion Resistance  * Water Absorption, %		ASTM C1027 ASTM C373	As reported Vitreous (P2) 0.5%< wa ≤ 3.0%		1 III 20	- Comply
* Crazing Resistance * Breaking Strength, lbf		ASTM C424 ASTM C648	Pass Average ≥ 250 Individual ≥ 225		oved 32 69	Comply Comply Comply
* Dynamic coefficient of friction - E Wet	COF	ANSI A137.1 Section 9.6	≥ 0.42	0.	45	Comply
		СНЕМІ	CAL PROPERTIES	-		
* Chemical Resistance * Stain Resistance		ASTM C650 ASTM C1378	As reported As reported		stant stant	Comply Comply

Requirements verified as indicated in AMERICAN STANDARD, ANSI A137.1. AMERICAN NATIONAL STANDARD SPECIFICATIONS FOR CERAMIC TILE / Table 8: Pressed Floor Tile

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## TECHNICAL SHEET GRSPB PDRA VALENCIA WHITE 30X61 EXT 1.67

EVALUATED FEATURE		TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 8)	RESULTS		conclusion
		D	DIMENSIONS			
				(%)	(mm)	
* Nominal Size, mm						
Nominal length:	610.0 mm					
Manufacturing length:	610.0 mm	ASTM C499	± 3.00%	0.00	0.00	Comply
Nominal width:	300.0 mm	AGTW 0433				
Manufacturing width:	303.0 mm		± 3.00%	1.00	3.00	Comply
* Caliber Range						
Manufacturing length:	610.0 mm					
Average length:	608.4 mm	ASTM C499	± 0.50%; ± 2.00mm	-0.26	-1.60	Comply
Manufacturing width:	303.0 mm	A31W 0499				
Average width:	302.5 mm		± 0.50%; ± 2.00mm	-0.17	-0.50	Comply
* Warpage Edge,%						
Length				0.06 -0.02	0.36 -0.14	Comply
Width		ASTM C485	± 0.75%; ± 2.00mm	0.00 -0.10	0.00 -0.30	Comply
* Warpage Diagonal, %		ASTM C485	± 0.50%; ± 2.00mm	0.02 -0.09	0.15 -0.58	Comply
* Wedging, %		ASTM C502	± 0.50%; ± 2.00mm	0.08 -0.03	0.52 -0.21	Comply
* Thickness, mm						
Manufacturing:	8.5 mm					
Average result:	8.6 mm	ASTM C499	Max. 1.02 mm	1.18	0.10	Comply
		PHYSIC	CAL PROPERTIES			
* Visible Abrasion Resistance		ASTM C1027	As reported	PE	I III	-
		ASTM C373	Vitreous (P2)	2.	00	Comply
* Water Absorption, %		ASTWC373	0.5%< wa ≤ 3.0%	2.	90	Comply
* Crazing Resistance		ASTM C424	Pass	Appr	oved	Comply
* Breaking Strength, lbf		ASTM C648	Average ≥ 250	39	92	Comply
			Individual ≥ 225	37	77	Comply
* Dynamic coefficient of friction - D	COF	ANSI A137.1				
Wet		Section 9.6	≥ 0.42	0.	50	Comply
		СНЕМІ	CAL PROPERTIES	1		
* Chemical Resistance		ASTM C650	As reported	Resi	stant	Comply
* Stain Resistance		ASTM C1378	As reported		stant	Comply
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Requirements verified as indicated in AMERICAN STANDARD, ANSI A137.1.

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