

# TECHNICAL SHEET GRSPB PDRA PARK LANE II BEIGE 30X61 EXT 1.67

EVALUATED FEAT	URE	TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 8)	RES	ULTS	CONCLUSION
		Ī	DIMENSIONS			
* Nominal Size, mm				(%)	(mm)	
Nominal Size, 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 3.00	Comply
* Caliber Range  Manufacturing length:  Average length:  Manufacturing width:  Average width:	610.0 mm 609.2 mm 303.0 mm 302.3 mm	ASTM C499	± 0.50%; ± 2.00mm ± 0.50%; ± 2.00mm	-0.13 -0.23	-0.80 -0.70	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	0.03 -0.04 0.00 -0.17 0.01 -0.10 0.10 0.00	0.18 -0.27 0.00 -0.53 0.05 -0.69 0.65 0.00	Comply Comply Comply Comply
* Thickness, mm  Manufacturing: Average result:	8.5 mm 8.7 mm	ASTM C499	Max. 1.02 mm	2.35	0.20	Comply
		PHYSI	CAL PROPERTIES	Т		I
<ul><li>* Visible Abrasion Resistance</li><li>* Water Absorption, %</li></ul>		ASTM C1027 ASTM C373	As reported Vitreous (P2) $0.5\%$ < wa $\leq 3.0\%$		I III 80	- Comply
* Crazing Resistance * Breaking Strength, lbf		ASTM C424 ASTM C648	Pass Average ≥ 250 Individual ≥ 225	3:	oved 70 57	Comply Comply Comply
* Dynamic coefficient of friction - D0 Wet	COF	ANSI A137.1 Section 9.6	≥ 0.42	0.	51	Comply
		CHEM	ICAL PROPERTIES			_
* Chemical Resistance * Stain Resistance		ASTM C650 ASTM C1378	As reported As reported		stant stant	Comply Comply
Requirements verified	as indicated in AME	ERICAN STANDA	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 PARK LANE II BEIGE 61X61 EXT 1.48

EVALUATED FEAT	URE	TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 8)	RESU	LTS	CONCLUSION
		Ι	DIMENSIONS			
				(%)	(mm)	
* Nominal Size, mm				(,,,	()	
Nominal Size:	610.0 mm					
Manufacturing Size:	610.0 mm	ASTM C499	± 3.00%	0.00	0.00	Comply
* Caliber Range						
Manufacturing Size:	610.0 mm	A O.T.M. O. 400				
Average Size:	608.5 mm	ASTM C499	± 0.50%; ± 2.00mm	-0.25	-1.50	Comply
* Warpage Edge,%		ASTM C485	± 0.75%; ± 2.00mm	0.07 0.00	0.44 0.00	Comply
* Warpage Diagonal, %		ASTM C485	± 0.50%; ± 2.00mm	0.08 0.00	0.73 0.00	Comply
* Wedging, %		ASTM C502	± 0.50%; ± 2.00mm	0.18 0.00	1.56 0.00	Comply
* Thickness, mm						
Manufacturing:	8.5 mm					
Average result:	8.8 mm	ASTM C499	Max. 1.02 mm	3.53	0.30	Comply
		PHYSI	CAL PROPERTIES			
* Visible Abrasion Resistance		ASTM C1027	As reported	PEI	III	-
* Water Absorption, %		ASTM C373	Vitreous (P2) 0.5%< wa ≤ 3.0%	1.2	0	Comply
* Crazing Resistance		ASTM C424	Pass	Appro	ved	Comply
* Breaking Strength, lbf		ASTM C648	Average ≥ 250	401	1	Comply
			Individual ≥ 225	396	6	Comply
* Dynamic coefficient of friction - D	COF	ANSI A137.1				
Wet		Section 9.6	≥ 0.42	0.4	6	Comply
		СНЕМІ	ICAL PROPERTIES			
* Chemical Resistance		ASTM C650	As reported	Resisi	tant	Comply
* Stain Resistance		ASTM C1378	As reported	Resis		Comply
Requirements verified AMERICAN NATION			ARD, ANSI A137.1. OR CERAMIC TILE / Table 8: Press	ed Floor Tile		

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# TECHNICAL SHEET GRSPB PDRA PARK LANE II GREY30X61EXT1.67

* Nominal Size, mm Nominal length: 610.0 mm Manufacturing length: 300.0 mm Manufacturing width: 300.0 mm Manufacturing width: 300.0 mm Average length: 610.0 mm Average width: 302.5 mm  * Wargage Edge,% Length Width * Wargage Diagonal, % * Wargage Diagonal, % * Wargage Diagonal, % * Wargage Result: 8.8 mm Average result: 8.8 mm AsTM C499  * Cazing Resistance  * Chemical Resistance  * Stain Resistance  * Chemical Resistance  * Chemical Resistance  * Stain Resistance  * ASTM C650 ASTM C650 ASTM C650 ASTM C6778 As reported As reported  * Comply Resistant Comply	EVALUATED FEAT	URE	TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 8)	RES	ULTS	CONCLUSION
* Nominal Size, mm Nominal length: 610.0 mm Manufacturing length: 300.0 mm Manufacturing width: 300.0 mm Manufacturing width: 303.0 mm Average length: 608.8 mm Manufacturing width: 303.0 mm Average width: 302.5 mm  * Warpage Edge, % Length Width * Warpage Diagonal, % * STM C499  * Thickness, mm Manufacturing: 8.5 mm Average result: 8.8 mm Average Comply  * Warpage Diagonal, % * Thickness, mm Manufacturing: 8.5 mm Average result: 8.8 mm Average Comply  * Output			]	DIMENSIONS			
Nominal length: 610.0 mm   ASTM C499   ± 3.00%   0.00   0.00   Comply	* Newigal Circ. race				(%)	(mm)	
Manufacturing length: Average length: Manufacturing width: Manufacturing width: Manufacturing width: Manufacturing width: Manufacturing width: Manufacturing: Width Width Width Width Width Width Width Width Width Width Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manufacturing: Manu	Nominal length: Manufacturing length: Nominal width:	610.0 mm 300.0 mm	ASTM C499				
Length   Width   Width   Width   Warpage Diagonal, %   ASTM C485   ± 0.75%; ± 2.00mm   0.04   -0.02   0.23   -0.15   Comply	Manufacturing length: Average length: Manufacturing width:	608.8 mm 303.0 mm	ASTM C499				
Manufacturing:         8.5 mm         ASTM C499         Max. 1.02 mm         3.53         0.30         Comply           PHYSICAL PROPERTIES           * Visible Abrasion Resistance         ASTM C1027         As reported         PEI III         -           * Water Absorption, %         ASTM C373         Vitreous (P2) 0.5% wa ≤ 3.0%         2.90         Comply           * Crazing Resistance         ASTM C424         Pass         Approved         Comply           * Breaking Strength, lbf         ASTM C648         Average ≥ 250         396         Comply           * Dynamic coefficient of friction - DCOF Wet         ANSI A137.1         ≥ 0.42         0.53         Comply           * CHEMICAL PROPERTIES           * Chemical Resistance         ASTM C650         As reported         Resistant         Comply	Length Width * Warpage Diagonal, %		ASTM C485	± 0.50%; ± 2.00mm	0.01 -0.06 0.01 -0.08	0.02 -0.18 0.10 -0.52	Comply Comply
* Visible Abrasion Resistance         ASTM C1027         As reported         PEI III         -           * Water Absorption, %         ASTM C373         Vitreous (P2) 0.5% < wa ≤ 3.0%	Manufacturing:				3.53	0.30	Comply
* Water Absorption, %       ASTM C373       Vitreous (P2) 0.5% < wa ≤ 3.0%			PHYSI	CAL PROPERTIES			T
* Breaking Strength, lbf  ASTM C648  Average ≥ 250  Individual ≥ 225  ANSI A137.1  Wet  ANSI A137.1  Section 9.6  Comply  * Chemical Resistance  ASTM C650  As reported  As reported  Resistant  Comply  Resistant  Comply				Vitreous (P2)			- Comply
Wet         ANSIATS 1.1 Section 9.6 Section 9.6 ≥ 0.42         ≥ 0.42 0.53         Comply           CHEMICAL PROPERTIES           * Chemical Resistance         ASTM C650         As reported         Resistant         Comply	•			Average ≥ 250	39	96	Comply
* Chemical Resistance ASTM C650 As reported Resistant Comply	•	COF		≥ 0.42	0.	53	Comply
			СНЕМ	ICAL PROPERTIES			
				·			

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			(Table 8)		JLTS	CONCLUSION
		Γ	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% ± 3.00%	0.00	0.00	Comply
* Caliber Range Manufacturing length: Average length: Manufacturing width: Average width:	610.0 mm 608.2 mm 303.0 mm 302.3 mm	ASTM C499	± 0.50%; ± 2.00mm ± 0.50%; ± 2.00mm	-0.30 -0.23	-1.80	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	0.15 0.00 0.00 -0.09 0.05 -0.02 0.05 -0.08	0.91 0.00 0.00 -0.28 0.37 -0.14 0.37 -0.53	Comply Comply Comply Comply
* Thickness, mm  Manufacturing:  Average result:	8.5 mm 8.7 mm	ASTM C499	Max. 1.02 mm	2.35	0.20	Comply
		PHYSI	CAL PROPERTIES	1		
* Visible Abrasion Resistance  * Water Absorption, %		ASTM C1027 ASTM C373	As reported Vitreous (P2) 0.5%< wa ≤ 3.0%	PE 2.0		- Comply
* Crazing Resistance * Breaking Strength, lbf		ASTM C424 ASTM C648	Pass Average ≥ 250 Individual ≥ 225	Appri 35	52	Comply Comply Comply
* Dynamic coefficient of friction - DCC Wet	OF	ANSI A137.1 Section 9.6	≥ 0.42	0.9	51	Comply
		СНЕМІ	CAL PROPERTIES			
* Chemical Resistance * Stain Resistance		ASTM C650 ASTM C1378	As reported As reported	Resi:		Comply Comply

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EVALUATED FEAT	TURE	TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 8)	RESUI	LTS	CONCLUSION
		Ī	DIMENSIONS			
				(%)	(mm)	
* Nominal Size, mm						
Nominal Size:	610.0 mm					
Manufacturing Size:	610.0 mm	ASTM C499	± 3.00%	0.00	0.00	Comply
* Caliber Range						
Manufacturing Size:	610.0 mm	ASTM C499				
Average Size:	609.1 mm	ASTIVI C499	± 0.50%; ± 2.00mm	-0.15	-0.90	Comply
* Warpage Edge,%		ASTM C485	± 0.75%; ± 2.00mm	0.05 0.00	0.30 0.00	Comply
* Warpage Diagonal, %		ASTM C485	± 0.50%; ± 2.00mm	0.03 -0.01	0.30 -0.10	Comply
* Wedging, %		ASTM C502	± 0.50%; ± 2.00mm	0.12 -0.02	1.00 -0.20	Comply
* Thickness, mm						
Manufacturing:	8.5 mm					
Average result:	8.6 mm	ASTM C499	Max. 1.02 mm	1.18	0.10	Comply
		PHYSI	CAL PROPERTIES			
* Visible Abrasion Resistance		ASTM C1027	As reported	PELL	III	-
* Water Absorption, %		ASTM C373	Vitreous (P2) 0.5%< wa ≤ 3.0%	2.20	0	Comply
* Crazing Resistance		ASTM C424	Pass	Approv	ved	Comply
* Breaking Strength, lbf		ASTM C648	Average ≥ 250	391	l	Comply
			Individual ≥ 225	382	2	Comply
* Dynamic coefficient of friction - D	COF	ANSI A137.1				
Wet		Section 9.6	≥ 0.42	0.45	5	Comply
		СНЕМІ	CAL PROPERTIES			
* Chemical Resistance		ASTM C650	As reported	Resist	ant	Comply
* Stain Resistance		ASTM C1378	As reported	Resist	ant	Comply
	IAL STANDARD SPE	CIFICATIONS F	ARD, ANSI A137.1. OR CERAMIC TILE / Table 8: Press			

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