

TECHNICAL SHEET PORC RF CMTO CONCRETO BCO 60X60 EXT 1.44

EVALUATED FEAT	URE	TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 10)	RESI	ULTS	conclusion
		Ι	DIMENSIONS			
				(%)	(mm)	
* Nominal Size, mm						
Nominal Size:	600.0 mm					
Manufacturing Size:	600.0 mm	ASTM C499	- 3.00% / 2.00%	0.00	0.00	Comply
* Caliber Range						
Manufacturing Size:	600.0 mm	ASTM C499				
Average Size:	600.1 mm	ASTM C499	± 0.25%; ± 0.80mm	0.02	0.10	Comply
* Warpage Edge,%		ASTM C485	± 0.40%; ± 1.30mm	0.14 0.00	0.82 0.00	Comply
* Warpage Diagonal, %		ASTM C485	± 0.40%; ± 1.80mm	0.15 0.00	1.28 0.00	Comply
* Wedging, %		ASTM C502	± 0.25%; ± 0.80mm	0.04 -0.01	0.34 -0.10	Comply
* Thickness, mm						
Manufacturing:	9.5 mm					
Average result:	9.6 mm	ASTM C499	Max. 1.02 mm	1.05	0.10	Comply
		PHYSI	CAL PROPERTIES			
* Visible Abrasion Resistance		ASTM C1027	As reported	PE	I IV	-
* Water Absorption, %		ASTM C373	Impervious Porcelain (P1) wa ≤ 0.5%	0.:	30	Comply
* Crazing Resistance		ASTM C424	Pass	Appr	roved	Comply
* Breaking Strength, lbf		ASTM C648	Average ≥ 275	47	70	Comply
			Individual ≥ 250	45	52	Comply
* Dynamic coefficient of friction - DC	COF	ANSI A137.1				
Wet		Section 9.6	≥ 0.42	0.	49	Comply
		СНЕМІ	ICAL PROPERTIES	1		
* Chemical Resistance		ASTM C650	As reported	Resi	stant	Comply
* Stain Resistance		ASTM C1378	As reported	Resi	stant	Comply
Requirements verified AMERICAN NATIONA		ECIFICATIONS F	ARD, ANSI A137.1. OR CERAMIC TILE / Table 10: Porc			

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

EVALUATED FEAT	URE	TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 10)	RESU	LTS	CONCLUSION
		j	DIMENSIONS			
				(%)	(mm)	
* Nominal Size, mm				, ,	• •	
Nominal Size:	600.0 mm					
Manufacturing Size:	600.0 mm	ASTM C499	- 3.00% / 2.00%	0.00	0.00	Comply
* Caliber Range						
Manufacturing Size:	600.0 mm	A CTN 4 C 400				
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
		PHYSI	CAL PROPERTIES			
* Visible Abrasion Resistance		ASTM C1027	As reported	PEI	II	-
* Water Absorption, %		ASTM C373	Impervious Porcelain (P1) wa ≤ 0.5%	0.2	20	Comply
* Crazing Resistance		ASTM C424	Pass	Appro	oved	Comply
* Breaking Strength, lbf		ASTM C648	Average ≥ 275	42	3	Comply
			Individual ≥ 250	40	8	Comply
* Dynamic coefficient of friction - D	COF	ANSI A137.1				
Wet		Section 9.6	≥ 0.42	0.5	55	Comply
		CHEM	ICAL PROPERTIES			
* Chemical Resistance		ASTM C650	As reported	Resis	tont	Comply
* Stain Resistance		ASTM C650 ASTM C1378	As reported As reported	Resis		Comply
Stain Resistance		ASTIVICISTO	As reported	Vesis	tant	Comply
	AL STANDARD SPE	ECIFICATIONS F	ARD, ANSI A137.1. FOR CERAMIC TILE / Table 10: Porc		es	

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TECHNICAL SHEET PORC RF CMTO CONCRETO PLT 60X60 EXT 1.44

EVALUATED FEATU	JRE	TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 10)	RES	ULTS	CONCLUSION
		Ι	DIMENSIONS			
				(%)	(mm)	
* Nominal Size, mm				(1-)	()	
Nominal Size:	600.0 mm					
Manufacturing Size:	600.0 mm	ASTM C499	- 3.00% / 2.00%	0.00	0.00	Comply
* Caliber Range						
Manufacturing Size:	600.0 mm	A O.T.M. O.400				
Average Size:	600.2 mm	ASTM C499	$\pm 0.25\%$; ± 0.80 mm	0.03	0.20	Comply
* Warpage Edge,%		ASTM C485	± 0.40%; ± 1.30mm	0.14 0.00	0.81 0.00	Comply
* Warpage Diagonal, %		ASTM C485	± 0.40%; ± 1.80mm	0.13 0.00	1.10 0.00	Comply
* Wedging, %		ASTM C502	± 0.25%; ± 0.80mm	0.07 0.00	0.60 0.00	Comply
* Thickness, mm						
Manufacturing:	9.5 mm					
Average result:	9.5 mm	ASTM C499	Max. 1.02 mm	0.00	0.00	Comply
		PHYSI	CAL PROPERTIES			
* Visible Abrasion Resistance		ASTM C1027	As reported	PE	31 111	-
* Water Absorption, %		ASTM C373	Impervious Porcelain (P1) wa ≤ 0.5%	0.	30	Comply
* Crazing Resistance		ASTM C424	Pass	Appr	roved	Comply
* Breaking Strength, lbf		ASTM C648	Average ≥ 275	4	68	Comply
			Individual ≥ 250	4	64	Comply
* Dynamic coefficient of friction - DC	OF	ANSI A137.1				
Wet		Section 9.6	≥ 0.42	0.	52	Comply
		СНЕМІ	CAL PROPERTIES			
* Chemical Resistance		ASTM C650	As reported	Resi	stant	Comply
* Stain Resistance		ASTM C1378	As reported		istant	Comply
Requirements verified			ARD, ANSI A137.1. OR CERAMIC TILE / Table 10: Porc	elain Tile		

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TECHNICAL SHEET PORCELANATO CEMENTO CONCRETO GRIS 30x61

EVALUATED FEAT	TURE	TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 10)	RES	ULTS	CONCLUSION
		1	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 3.00	Comply Comply
* Caliber Range Manufacturing length: Average length: Manufacturing width: Average width:	610.0 mm 608.0 mm 303.0 mm 302.6 mm	ASTM C499	± 0.50%; ± 2.00mm ± 0.50%; ± 2.00mm	-0.33 -0.13	-2.00 -0.40	Comply Comply
* Warpage Edge,% Length Width * Warpage Diagonal, % * Wedging, %		ASTM C485 ASTM C485 ASTM C502	± 0.50%; ± 1.80mm ± 0.50%; ± 1.80mm ± 0.50%; ± 2.00mm	0.00 -0.13 0.00 -0.12 0.00 -0.16 0.09 -0.03	0.00 -0.80 0.00 -0.36 0.00 -1.07 0.61 -0.22	Comply Comply Comply Comply
* Thickness, mm Manufacturing: Average result:	9.0 mm 8.7 mm	ASTM C499	Max. 1.02 mm	-3.33	-0.30	Comply
		PHYS	ICAL PROPERTIES	T		
* Visible Abrasion Resistance * Water Absorption, %		ASTM C1027 ASTM C373	As reported Impervious Porcelain (P1) wa ≤ 0.5%		30	- Comply
* Crazing Resistance * Breaking Strength, lbf		ASTM C424 ASTM C648	Pass Average ≥ 275 Individual ≥ 250	55	roved 53 39	Comply Comply Comply
* Dynamic coefficient of friction - D Wet	COF	ANSI A137.1 Section 9.6	≥ 0.42	0.	52	Comply
		СНЕМ	ICAL PROPERTIES			
* Chemical Resistance * Stain Resistance		ASTM C650 ASTM C1378	As reported As reported		istant	Comply Comply
Requirements verifie	d as indicated in ABAF	DICAN CTAND	ADD ANGLASSA			

Requirements verified as indicated in AMERICAN STANDARD, ANSI A137.1.

AMERICAN NATIONAL STANDARD SPECIFICATIONS FOR CERAMIC TILE / Table 10: Porcelain Tile

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