

<b>TECHNICAL SHEET</b>
<b>PORC CMTO SOHO GREY 30X61EXT1.66</b>

EVALUATED FEATURE	TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 10)	RESULTS	CONCLUSION
<b>DIMENSIONS</b>				
* Nominal Size, mm			(%)      (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	-0.21      -1.27	Comply
Average length:      608.7 mm				
Manufacturing width:      303.0 mm				
Average width:      302.3 mm				
* Warpage Edge,%	ASTM C485	± 0.50%; ± 1.80mm	0.16   -0.10   0.48   -0.30	Comply
* Warpage Diagonal, %	ASTM C485	± 0.50%; ± 1.80mm	0.08   -0.10   0.55   -0.66	Comply
* Wedging, %	ASTM C502	± 0.50%; ± 2.00mm	0.07   -0.03   0.48   -0.22	Comply
* Thickness, mm				
Manufacturing:      9.0 mm	ASTM C499	Max. 1.02 mm	-1.11      -0.10	Comply
Average result:      8.9 mm				
<b>PHYSICAL PROPERTIES</b>				
* Visible Abrasion Resistance	ASTM C1027	As reported	PEI II	-
* Water Absorption, %	ASTM C373	Impervious Porcelain (P1) wa ≤0.5%	0.30	Comply
* Crazeing Resistance	ASTM C424	Pass	Approved	Comply
* Breaking Strength, lbf	ASTM C648	Average ≥ 275 Individual ≥ 250	427 421	Comply Comply
* Dynamic coefficient of friction - DCOF Wet	ANSI A137.1 Section 9.6	≥ 0.42	0.53	Comply
<b>CHEMICAL PROPERTIES</b>				
* Chemical Resistance	ASTM C650	As reported	Resistant	Comply
* Stain Resistance	ASTM C1378	As reported	Resistant	Comply
<p>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.</p>				
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<b>Prepared by: Quality Supervisor</b>			<b>Reviewed by: Manager Quality Assurance</b>	
César Prado R.			Marlene Chauca R.	

<b>TECHNICAL SHEET</b>
<b>PORC CMTO SOHO WHITE 30X61EXT1.66</b>

EVALUATED FEATURE	TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 10)	RESULTS	CONCLUSION
<b>DIMENSIONS</b>				
* Nominal Size, mm			(%)      (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	-0.06      -0.34	Comply
Average length:            609.7 mm				
Manufacturing width:    303.0 mm				
Average width:            303.1 mm				
* Warpage Edge,%	ASTM C485	± 0.50%; ± 1.80mm	0.07   -0.07   0.20   -0.20	Comply
* Warpage Diagonal, %	ASTM C485	± 0.50%; ± 1.80mm	0.06   -0.09   0.40   -0.60	Comply
* Wedging, %	ASTM C502	± 0.50%; ± 2.00mm	0.06   -0.04   0.40   -0.30	Comply
* Thickness, mm				
Manufacturing:            9.0 mm	ASTM C499	Max. 1.02 mm	-1.11      -0.10	Comply
Average result:            8.9 mm				
<b>PHYSICAL PROPERTIES</b>				
* Visible Abrasion Resistance	ASTM C1027	As reported	PEI III	-
* Water Absorption, %	ASTM C373	Impervious Porcelain (P1) wa ≤0.5%	0.40	Comply
* Craze Resistance	ASTM C424	Pass	Approved	Comply
* Breaking Strength, lbf	ASTM C648	Average ≥ 275 Individual ≥ 250	468 451	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
<p>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.</p>				
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<b>TECHNICAL SHEET</b>
<b>PORC CMTO SOHO SILVER 30X61EXT1.66</b>

EVALUATED FEATURE	TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 10)	RESULTS	CONCLUSION
<b>DIMENSIONS</b>				
* Nominal Size, mm			(%)      (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	-0.26      -1.59	Comply
Average length:            608.4 mm				
Manufacturing width:    303.0 mm				
Average width:            302.4 mm				
* Warpage Edge,%	ASTM C485	± 0.50%; ± 1.80mm	0.03   -0.10   0.10   -0.30	Comply
* Warpage Diagonal, %	ASTM C485	± 0.50%; ± 1.80mm	0.07   -0.07   0.50   -0.50	Comply
* Wedging, %	ASTM C502	± 0.50%; ± 2.00mm	0.06   -0.04   0.40   -0.30	Comply
* Thickness, mm				
Manufacturing:            9.0 mm	ASTM C499	Max. 1.02 mm	0.00      0.00	Comply
Average result:            9.0 mm				
<b>PHYSICAL PROPERTIES</b>				
* Visible Abrasion Resistance	ASTM C1027	As reported	PEI II	-
* Water Absorption, %	ASTM C373	Impervious Porcelain (P1) wa ≤0.5%	0.40	Comply
* Craze Resistance	ASTM C424	Pass	Approved	Comply
* Breaking Strength, lbf	ASTM C648	Average ≥ 275 Individual ≥ 250	486 458	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
<p>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.</p>				
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