

TECHNICAL SHEET
PORC. STATUARIO GOLD 30X61EXT1.66

DATE OF PRODUCTION	31/10/2022		TONE/LOT N°	C003
EVALUATED FEATURE	TEST METHOD	NORM ANSI A137.1 / ISO 13006 REQUIREMENTS	RESULTS	CONCLUSION
DIMENSIONS				
			(%) (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	0.15 0.90	Comply
Average length: 610.9 mm				
Manufacturing width: 303.0 mm				
Average width: 303.7 mm				
* Warpage Edge,%	ASTM C485	± 0.50%; ± 1.80mm	0.10 0.00 0.61 0.00	Comply
Length			0.10 -0.04 0.29 -0.13	
Width				
* Warpage Diagonal, %	ASTM C485	± 0.50%; ± 1.80mm	0.10 0.00 0.38 0.00	Comply
* Wedging, %	ASTM C502	± 0.50%; ± 2.00mm	0.12 -0.05 0.83 -0.33	Comply
* Thickness, mm				
Manufacturing: 9.0 mm	ASTM C499	Max. 1.02 mm	0.33 0.03	Comply
Average result: 9.0 mm				
PHYSICAL PROPERTIES				
* Visible Abrasion Resistance	ASTM C1027	As reported	PEI IV	-
* Water Absorption, %	ASTM C373	Impervious Porcelain (P1) wa ≤ 0.5%	0.35	Comply
* Crazeing Resistance	ASTM C424	Pass	Approved	Comply
* Breaking Strength, N	ISO 10545-4	Not lees than 1300	1655	Comply
* Dynamic coefficient of friction - DCOF	ANSI A326.3	≥0.42	0.46	Comply
Wet				
CHEMICAL PROPERTIES				
* Resistance to Chemical				Comply
* Resistance to low concentration of acids and alkalis	ISO 10545-13	Manufacturer is to state classification	LA	Comply
- Hydrochloric acid solution , 3% (v/v)			LA	Comply
- Potassium Hydroxide Solution , 30 g/l			LA	Comply
- Citric acid solution , 100 g/l				
* Resistance to high concentration of acids and alkalis	ISO 10545-13	Test method available	HA	Comply
- Lactic acid, 5% (V/V)			HA	Comply
- Hydrochloric acid solution , 18% (v/v)			HA	Comply
- Potassium Hydroxide Solution , 100 g/l				
* Household chemicals	ISO 10545-13	Minimum B	A	Comply
- Ammonium chloride solution, 100 g/l				
* Swimming pool salts	ISO 10545-13	Minimum B	A	Comply
- Sodium Hypochlorite solution, 20 mg/l				
* Resistance to staining	ISO 10545-14	Minimum Class 3	Class 5	Comply
- Green Staining agent in light oil / Red Staining agent in light oil			Class 5	Comply
- Iodine			Class 5	Comply
- Olive oil			Class 5	Comply
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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