



**Technical Characteristic KAI/KOS
FISA TEHNICA**

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16.07.05(7/0)

**Model Santana
Internal code: 9331; 9332; 9333
Type Porcelain Tiles GL
Group BIa, Nominal size 600x600 mm**

Characteristics/Caract eristici Group BIa, Annex G	Tolerance EN 14411:2016, %	Tolerance EN14411:2016,mm	Request values/Valori conform standard	Measured in KAI laboratory/Masurato ri in laborator Kai		Testing method/Metoda de lucru
1. Length/width/Lungime /Latime, mm	±0.6/max±2mm	±2.00	600 x 600	1K	597.6x597.6	EN ISO 10545-2
				2K	598.8x598.8	
				3K	600.0x600.0	
				4K	601.2x601.2	
				5K	602.4x602.4	
2.Thickness/Grosimea, mm	±5/max±0.5mm	±0.50	9.2 ± 0.46 mm	8.9 – 9.3 mm		EN ISO 10545-2
3. Straightness of sides /Liniaritatea muchiei,mm	±0.5/max±1.5mm	±1.50	±1.20 mm	-0.17 – +0.15 mm		EN ISO 10545-2
4. Rectangularity/ Rectangularitate, mm	±0.5/max±2mm	±2.00	±1.10 mm	-0.37 – +0.53 mm		EN ISO 10545-2
5. Centre curvature/ Curbura centrala, mm	±0.5/max±2mm	±2.00	±1.50 mm	+0.88 – +1.11 mm		EN ISO 10545-2
6. Edge curvature/ Curbura laterala, mm	±0.5/max±2mm	±2.00	±1.20 mm	-0.18 – +0.54 mm		EN ISO 10545-2
7. Warpage /Deformarea, mm	±0.5/max±2mm	±2.00	±1.50 mm	+0.63 – +1.03 mm		EN ISO 10545-2
8. Surface quality/ Calitatea suprafetei	≥95% without defects	≥95% without defects	≥98% without defects	Pass		EN ISO 10545-2
9. Water absorption/ Absorbția de apa, %	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	≤0,5%	0.06 – 0.12 %		EN ISO 10545-3
10. Modulus of rupture /rezistența mecanică, N/mm ²	≥35N/mm ² individual ≥32N/mm ²	≥35N/mm ² individual ≥32N/mm ²	≥35N/mm ²	Average: 49 N/mm ²		EN ISO 10545-4
11. Breaking strength/ Forța de rupere, N	≥1300	≥1300	≥1300	Average: 1806 N		EN ISO 10545-4
12. Determination of surface abrasion for glazed tiles/Rezistența la abraziune	the class of abrasive resistance and the number of cycles are declared by producer	the class of abrasive resistance and the number of cycles are declared by producer	Declared value	9331 - 5 / 12000 9332 - 3 / 750 9333 - 5 / 12000		EN ISO 10545-7
13. Craze resistance, glazed tiles/Resistența la crapături pentru plăci glazurate	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant		EN ISO 10545-11
14. Resistance for household chemicals and swimming pool salts/ Rezistența la	Min class B	Min class B	Min class B	GA		EN ISO 10545-13

solutiile de uz casnic si saruriel de piscina					
15. Resistance to the low concentration acids and alkalis/Rezistenta la acizi si baze de concentratie slaba	Declared value	Declared value	Declared value	GLA	EN ISO 10545-13
16. Resistance to the high concentration acids and alkalis/ Rezistenta la acizi si baze de concentratie mare	Declared value	Declared value	Declared value	GHA	EN ISO 10545-13
17. Stain resistance/ Rezistenta la patare	Min class 3	Min class 3	Min class 3	class 5	EN ISO 10545-14
18. Frost resistance/ Rezistenta la inghet	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant	EN ISO 10545-12
19. Slipperiness/ Rezistenta la alunecare	Declared value	Declared value	Declared value	PTV 36+ Dry PTV 36+ Wet	CEN/TS 16165
20. Slipperiness Rezistenta la alunecare	Declared value	Declared value	Declared value	R 10	DIN 51130:2010
21. MOHS/Rezistenta la zgariere	Declared value	Declared value	Declared value	9	EN 101:1991

Date: 18.11.2019

