



Technical Characteristic KAI/KOS
FISA TEHNICA

ODU
16.07.05(7/0)

Model Santana
Internal code: 9321; 9322; 9323
Type Porcelain Tiles GL
Group BIa, Nominal size 300x600 mm

Characteristics/Caracteristici Group BIa, Annex G	Tolerance EN 14411:2016, %	Tolerance EN14411:2016, mm	Request values/Valori conform standard	Measured in KAI laboratory/Masuratori in laborator Kai	Testing method/Metoda de lucru										
1. Length/width Lungime/Latime, mm	±0.6/max±2mm	±1.80/±2.00	300 x 600	<table border="1"> <tr><td>1K</td><td>297,6x597,6</td></tr> <tr><td>2K</td><td>298,8x598,6</td></tr> <tr><td>3K</td><td>300,0x600,0</td></tr> <tr><td>4K</td><td>301,2x601,2</td></tr> <tr><td>5K</td><td>302,4x602,4</td></tr> </table>	1K	297,6x597,6	2K	298,8x598,6	3K	300,0x600,0	4K	301,2x601,2	5K	302,4x602,4	EN ISO 10545-2
1K	297,6x597,6														
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3K	300,0x600,0														
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5K	302,4x602,4														
2. Thickness Grosimea, mm	±5/max±0.5mm	±0.40	9.0±0.45 mm	8.9 – 9.2 mm	EN ISO 10545-2										
3. Straightness of sides Liniaritatea muchiei, mm	±0.5/max±1.5mm	±1.50/±1.50	±1.40/±1.40	-0.68 – +0.14 mm	EN ISO 10545-2										
4. Rectangularity Rectangularitate, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	-0.74 – +0.94 mm	EN ISO 10545-2										
5. Centre curvature Curbura centrala, mm	±0.5/max±2mm	±2.0	±1.50	+0.13 – +0.80 mm	EN ISO 10545-2										
6. Edge curvature Curbura laterala, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	-0.19 – +0.62 mm	EN ISO 10545-2										
7. Warpage Deformarea, mm	±0.5/max±2mm	±2.00	±1.50	-0.55 – +1.09 mm	EN ISO 10545-2										
8. Surface quality Calitatea suprafeței	≥95% without defects	≥95% without defects	≥98% without defects	Pass	EN ISO 10545-2										
9. Water absorption Absorbția de apă, %	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	≤0,5%	0.08 – 0.16 %	EN ISO 10545-3										
10. Modulus of rupture Rezistența mecanică, N/mm ²	≥35N/mm ² individual ≥32N/m ²	≥35N/mm ² individual ≥32N/mm ²	≥35N/mm ²	Average: 60 N/mm ²	EN ISO 10545-4										
11. Breaking strength Forța de rupere, N	≥1300N	≥ 1300N	≥ 1300N	Average: 2110 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	9321:5 >12000 9322:5 >12000 9323:2/ 600	EN ISO 10545-7										
13. Cracking resistance, glazed tiles/Rezistența 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	Min class B	Min class B	Min class B	GA	EN ISO 10545-13										

and swimming pool salts/Rezistenta la 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	Declared value	Declared value	Declared value	R10	DIN 51130:2010
21. MOHS Rezistenta la zgariere	Declared value	Declared value	Declared value	9	EN 101:1991

Date: 18.11.2019

