

**Model "Santana"
Internal code:9333KY
Type Porcelain Tiles GL
Group BIa, Nominal size 600x600x 8.5mm**

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	±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	±0.42	8.5 ± 0.42 mm	8.3 – 8.6 mm	EN ISO 10545-2	
3. Straightness of sides /Liniaritatea muchiei, mm	±0.5/max±1.5mm	±1.50	±1.20 mm	-0.08 – +0.47 mm	EN ISO 10545-2	
4. Rectangularity/ Rectangularitate, mm	±0.5/max±2mm	±2.00	±1.10 mm	-0.63 – +0.40 mm	EN ISO 10545-2	
5. Centre curvature/ Curbura centrala, mm	±0.5/max±2mm	±2.00	±1.50 mm	-0.50 – +0.34 mm	EN ISO 10545-2	
6. Edge curvature/ Curbura laterala, mm	±0.5/max±2mm	±2.00	±1.20 mm	-0.41 – +0.23 mm	EN ISO 10545-2	
7. Warpage/ Deformarea, mm	±0.5/max±2mm	±2.00	±1.50 mm	-0.46 – +0.78 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/ Absorbtia de apa, %	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	≤0,5%	0.12 – 0.18 %	EN ISO 10545-3	
10.Modulus of rupture /rezistenta mecanica, N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm²	Average: 55 N/mm²	EN ISO 10545-4	
11. Breaking strength/ Forta de rupere, N	≥1300	≥1300	≥1300	Average: 2126 N	EN ISO 10545-4	
12.Determination of surface abrasion for glazed tiles/ Rezistenta la abraziune /PEI/	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	4/12000	EN ISO 10545-7	
13.Crazing resistance, glazed tiles/ Resitenta la crapaturi pentru placi 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/ Rezistentă la soluțiile de uz casnic și sărurile de piscină	Min class B	Min class B	Min class B	GA	EN ISO 10545-13
15. Resistance to the low concentration acids and alkalis/ Rezistentă la acizi și baze de concentrație slabă	Declared value	Declared value	Declared value	GLA	EN ISO 10545-13
16. Resistance to the high concentration acids and alkalis/ Rezistentă la acizi și baze de concentrație mare	Declared value	Declared value	Declared value	GHA	EN ISO 10545-13
17. Stain resistance/ Rezistentă la patare	Min class 3	Min class 3	Min class 3	class 5	EN ISO 10545-14
18. Frost resistance/ Rezistentă la îngheț	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/ Rezistentă la alunecare	Declared value	Declared value	Declared value	PTV 36+ Dry PTV 36+ Wet	BS 7976
20. Slipperiness/ Rezistentă la alunecare	Declared value	Declared value	Declared value	R10	DIN 51130
21. MOHS/ Rezistent la zgăriere	Declared value	Declared value	Declared value	9	EN 101:1991

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