



**Technical Characteristic KAI/KOS  
FISA TEHNICA**

ODU  
16.07.05(9/0)

**Model "Santana" mix  
Internal code: 9335KY  
Type Porcelain Tiles GL**

**Group BIa, Nominal size 600x600x9.0 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	±2.00	600 x 600	<table border="1"> <tr><td>1K</td><td>597.6x597.6</td></tr> <tr><td>2K</td><td>598.8x598.8</td></tr> <tr><td>3K</td><td>600.0x600.0</td></tr> <tr><td>4K</td><td>601.2x601.2</td></tr> <tr><td>5K</td><td>602.4x602.4</td></tr> </table>	1K	597.6x597.6	2K	598.8x598.8	3K	600.0x600.0	4K	601.2x601.2	5K	602.4x602.4	EN ISO 10545-2
1K	597.6x597.6														
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 ± 0.45 mm	8.7 – 9.0 mm	EN ISO 10545-2										
3. Surface quality/ Calitatea suprafetei	≥95% without defects	≥95% without defects	≥98% without defects	Pass	EN ISO 10545-2										
4.Water absorption/ Absorbția de apa, %	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	≤0,5%	0.03 – 0.12 %	EN ISO 10545-3										
5.Modulus of rupture /rezistența mecanică, N/mm <sup>2</sup>	≥35N/mm <sup>2</sup> individual≥32N/mm <sup>2</sup>	≥35N/mm <sup>2</sup> individual≥32N/mm <sup>2</sup>	≥35N/mm <sup>2</sup>	Average: 74 N/mm <sup>2</sup>	EN ISO 10545-4										
6. Breaking strength /Forța de rupere, N	≥1300	≥1300	≥1300	Average: 2279 N	EN ISO 10545-4										
7.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	3/750	EN ISO 10545-7										
8.Crazing resistance, glazed tiles/ Resistența la crapături 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										
9.Resistance for household chemicals and swimming pool salts/ Rezistența la soluțiile de uz casnic și sărurile de piscină	Min class B	Min class B	Min class B	GA	EN ISO 10545-13										
10.Resistance to the low concentration acids and alkalis/ Rezistența la acizi și baze de concentrație slabă	Declared value	Declared value	Declared value	GLA	EN ISO 10545-13										
11. Resistance to the high concentration acids and alkalis/	Declared value	Declared value	Declared value	GHA	EN ISO 10545-13										

Rezistentă la acizi și baze de concentrație mare					
12. Stain resistance/ Rezistentă la patare	Min class 3	Min class 3	Min class 3	class 5	EN ISO 10545-14
13. 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
14. Slipperiness/ Rezistentă la alunecare	Declared value	Declared value	Declared value	PTV 36+ Dry PTV 36+ Wet	BS 7976
15. Slipperiness/ Rezistentă la alunecare	Declared value	Declared value	Declared value	R10	DIN 51130
16. MOHS/Rezistentă la zgariere	Declared value	Declared value	Declared value	9	EN 101:1991

Date: 31.10.2023

QC: .....

