



**Technical Characteristic KAI/KOS
FISA TEHNICA**

ODU
16.07.05(7/0)

**Model Samos
Internal code: 9301,9302
Type Porcelain Tiles GL
Group BIa, Nominal size 155x605x9mm**

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	±0.93/±2.0	155x605	<table border="1"> <tr><td>1K</td><td>152.6x602.6</td></tr> <tr><td>2K</td><td>153.8x603.8</td></tr> <tr><td>3K</td><td>155.0x605.0</td></tr> <tr><td>4K</td><td>156.2x606.2</td></tr> <tr><td>5K</td><td>157.4x607.4</td></tr> </table>	1K	152.6x602.6	2K	153.8x603.8	3K	155.0x605.0	4K	156.2x606.2	5K	157.4x607.4	EN ISO 10545-2
1K	152.6x602.6														
2K	153.8x603.8														
3K	155.0x605.0														
4K	156.2x606.2														
5K	157.4x607.4														
2. Thickness Grosimea, mm	±5/max±0.5mm	±0.45	9.0±0.30mm	8.7 – 8.9 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 apă, %	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	≤0,5%	0.17 – 0.42 %	EN ISO 10545-3										
5. 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: 63 N/mm ²	EN ISO 10545-4										
6. Breaking strength Forța de rupere, N	≥1300	≥1300	≥ 1300N	Average: 2118 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	9301 – 5 >12 000 9302 – 3 / 1500	EN ISO 10545-7										
8. Cracking 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										
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 Rezistentă la acizi și baze de concentrație mare	Declared value	Declared value	Declared value	GHA	EN ISO 10545-13
12. Stain resistance Rezistentă la patare	Min class 3	Min class 3	Min class 5	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	CEN/TS 16165
15. MOHS Rezistentă la zgariere	Declared value	Declared value	Declared value	9	EN 101:1991

Date: 18.11.2019

