



**Technical Characteristic KAI/KOS  
FISA TEHNICA**

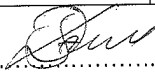
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16.07.05(7/0)

**Model Mania, Internal code: 9396 and 9397, Type Floor Tiles GL  
Group BIIa, Nominal size 333x333x7.4 mm**

Characteristics/ Caracteristici Group BIIa, Annex J	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	333x333mm	3C 329,0x329,0	EN ISO 10545-2
				1C 331,0x331,0	
				0C 333,0x333,0	
				2C 335,0x335,0	
				4C 337,0x337,0	
2.Thickness/Grosimea, mm	±5/max±0.5mm	±0.37	7.4±0.30 mm	7.2 / 7.7 mm	EN ISO 10545-2
3. Straightness of sides/Liniaritatea muchiei,mm	±0.5/max±1.5mm	±1.50	±1.25 mm	-0.25 / +0.45 mm	EN ISO 10545-2
4.Rectangularity/Rectan gularitate, mm	±0.5/max±2mm	±1.67	±1.45 mm	-1.27 / +1.09mm	EN ISO 10545-2
5. Centre curvature/Curbura centrala, mm	±0.5/max±2mm	±2.00	CC -1.5 mm; CV +1.5 mm	-0.06 / +0.58 mm	EN ISO 10545-2
6. Edge curvature/Curbura laterala, mm	±0.5/max±2mm	±1.67	CC -1.35 mm; CV +1.35 mm	-0.29 / +0.51mm	EN ISO 10545-2
7.Warpage/Deformarea, mm	±0.5/max±2mm	±2.00	CC -1.5 mm; CV +1.5 mm	-0.58 / +0.79mm	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, %	3%< Eb ≤ 6.0% Individual ≤6.5%	3%< Eb ≤ 6.0% Individual ≤6.5%	3%< Eb ≤ 6.0% Individual ≤6.5%	4.4%	EN ISO 10545-3
10.Modulus of rupture/rezistenta mecanica, thickness<7.5mm, N/mm <sup>2</sup>	≥22N/mm <sup>2</sup> individual≥20N/mm <sup>2</sup>	≥22N/mm <sup>2</sup> individual≥20N/mm <sup>2</sup>	≥22N/mm <sup>2</sup> individual≥20N/m m <sup>2</sup>	Average: 39.4N/mm <sup>2</sup>	EN ISO 10545-4
11. Breaking strength, thickness<7.5mm, N /Forta de rupere, N	≥ 600N	≥ 600N	≥ 600N	Average: 975N	EN ISO 10545-4
12.Determination of surface abrasion for glazed tiles/Rezistenta 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	Class: 9396 - 1 / 150 9397 - 1 / 150	EN ISO 10545-7
13.Crazing resistance, glazed tiles/Resitenta la crapaturi pentru placi	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

glazurate					
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 5	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/Rezistență la alunecare	Declared value	Declared value	Declared value	PTV 36+Dry PTV 0-24Wet	CEN/TS 16165
20. MOHS/Rezistentă la zgăriere	Declared value	Declared value	Declared value	5	EN 101:1991

Date: 18.11.2019

QC:   
/D. Stancheva/