



**Technical Characteristic KAI/KOS
FISA TEHNICA**

ODU
16.07.05(7/0)

**Model Function smoke, Internal code: 8737 Type Tiles: Glazed Porcelain Tile GL,
Group Bla, Nominal size 333x333x8.0 mm**

Characteristics/C aracteristici Group Bla, Annex G	Tolerance EN 14411:2016, %	Tolerance EN14411:2016, mm	Request values/Valori conform standard	Measured in KAI laboratory/Masur atori in laborator Kai	Testing method/Metoda de lucru
1.Length/width/Lu ngime/Latime, mm	±0.6/max±2mm	±2.00	333x333	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/Grosi mea, mm	±5/max±0.5mm	±0.40	8.0±0.40 mm	7.9 ÷ 8.3 mm	EN ISO 10545-2
3. Straightness of sides/Liniaritatea muchiei,mm	±0.5/max±1.5mm	±1.50	±1.25 mm	-0.39 ÷ +0.44 mm	EN ISO 10545-2
4.Rectangularity/R ectangularitate, mm	±0.5/max±2mm	±1.70	±1.45 mm	-1.12 ÷ +0.99mm	EN ISO 10545-2
5. Centre curvature/Curbura centrala, mm	±0.5/max±2mm	±2.00	CC -1.5 mm; CV +1.5 mm	-0.46 ÷ +0.86 mm	EN ISO 10545-2
6. Edge curvature/Curbura laterală, mm	±0.5/max±2mm	±1.70	CC -1.35 mm; CV +1.35 mm	-0.44 ÷ +0.55mm	EN ISO 10545-2
7.Warpage/Deform area, mm	±0.5/max±2mm	±2.00	CC -1.5 mm; CV +1.5 mm	-0.62 ÷ +0.45mm	EN ISO 10545-2
8. Surface quality/Calitatea suprafetei	≥95% without defects	≥95% without defects	≥95% without defects	Pass	EN ISO 10545-2
9. Water absorption/Absorbt ia de apa, %	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	≤0,5%	0.26%	EN ISO 10545-3
10.Modulus of rupture/rezistenta mecanica, thickness<7.5mm, N/mm ²	≥35N/mm ² individual≥32N/ mm ²	≥35N/mm ² individual≥32N/ mm ²	≥35N/mm ²	Average: 54.8N/mm ²	EN ISO 10545-4
11. Breaking strength, thickness<7.5mm, N /Forta de rupere, N	≥ 700N	≥ 700N	≥ 700N	Average: 1 539N	EN ISO 10545-4

12.Determination of surface abrasion for glazed tiles/Rezistentă 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: 2 / 600	EN ISO 10545-7
13.Crazing resistance, glazed tiles/Rezistentă 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 and swimming pool salts/Rezistentă la soluțiile de uz casnic și sărurile de piscină	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	GA	EN ISO 10545-13
15.Resistance to the low concentration acids and alkalis/Rezistentă la acizi și baze de concentrație slabă	Min class B	Min class B	Min class B	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	Declared value	Declared value	Declared value	class 5	EN ISO 10545-14
18. Frost resistance/Rezistentă la îngheț	Declared value	Declared value	Min class 3	Resistant	EN ISO 10545-12
19.Slipperiness/Rezistentă la alunecare	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	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: 17.01.2020

QC: 
/D. Stancheva/