



Technical Characteristic KAI/KOS
FISA TEHNICA

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16.07.05(7/0)

Model Galego, Internal code: 9409 and 9482, Type Porcelain Tiles GL,
Group Bla, Nominal size 450x450x8.0 mm

Characteristics/Caracteristici Group Bla, 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	450x450mm	1K	447.6x447.6	EN ISO 10545-2
				2K	448.8x448.8	
				3K	450.0x450.0	
				4K	451.2x451.2	
				5K	452.4x452.4	
2.Thickness/Grosimea, mm	±5/max±0.5mm	±0.45	8.0±0.45 mm	7.9 ÷ 8.3 mm		EN ISO 10545-2
3. Straightness of sides/Liniaritatea muchiei,mm	±0.5/max±1.5mm	±1.50	±1.30mm	-0.55 ÷ +0.35 mm		EN ISO 10545-2
4.Rectangularity/Rectangularitate, mm	±0.5/max±2mm	±2.00	±1.75mm	-1.01 ÷ +1.34mm		EN ISO 10545-2
5. Centre curvature/Curbura centrala, mm	±0.5/max±2mm	±2.00	CC – 1.65mm; CV + 1.65mm	-0.31 ÷ +1.37 mm		EN ISO 10545-2
6. Edge curvature/Curbura laterala, mm	±0.5/max±2mm	±2.00	CC –1.75mm; CV +1.75mm	-0.07 ÷ +1.00mm		EN ISO 10545-2
7.Warpage/Deformarea, mm	±0.5/max±2mm	±2.00	CC -1.50mm; CV +1.50mm	-1.15 ÷ +0.85mm		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/Absorbția de apa, %	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	≤0,5%	0.17%		EN ISO 10545-3
10.Modulus of rupture/rezistența mecanică, thickness≥7.5mm, N/mm ²	≥35N/mm ² individual≥32N/mm ²	≥35N/mm ² individual≥32N/mm ²	≥35N/mm ²	Average: 57.2N/mm ²		EN ISO 10545-4
11. Breaking strength, thickness≥7.5mm, N /Forta de rupere, N	≥ 1300N	≥ 1300N	≥ 1300N	Average: 1 761N		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: 9409 - 2 / 600 9482 - 3 / 1 500	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	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	Declared value	Declared value	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 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/