



Technical Characteristic KAI/KOS
FISA TEHNICA

ODU 16.07.05(7/0)

Model VIGO beige , Internal code: 8650 , 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 + 8.3mm		EN ISO 10545-2
3. Straightness of sides/Liniaritatea muchiei,mm	±0.5/max±1.5mm	±1.50	±1.30mm	-0.43 + +0.30mm		EN ISO 10545-2
4.Rectangularity/Rectangularitate, mm	±0.5/max±2mm	±2.00	±1.75mm	-0.52 + +0.37mm		EN ISO 10545-2
5. Centre curvature/Curbura centrala, mm	±0.5/max±2mm	±2.00	CC – 1.65 mm; CV + 1.65 mm	-0.02+ +0.87mm		EN ISO 10545-2
6. Edge curvature/Curbura laterală, mm	±0.5/max±2mm	±2.00	CC –1.75mm; CV +1.75mm	-0.47+ +0.41mm		EN ISO 10545-2
7.Warpage/Deformarea, mm	±0.5/max±2mm	±2.00	CC -1.50mm; CV +1.50mm	-0.49+ +0.74mm		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, %	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	≤0,5%	0.07%		EN ISO 10545-3
10.Modulus of rupture/rezistenta mecanica, thickness≥7.5mm, N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm²	Average: 47.7N/mm2		EN ISO 10545-4
11. Breaking strength, thickness≥7.5mm, N /Forta de rupere, N	≥ 1300N	≥ 1300N	≥ 1300N	Average: 1 579		EN ISO 10545-4
12.Determination of surface abrasion for glazed tiles/Rezistenta la abraziune (PEI)	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: 4/ 12 000		EN ISO 10545-7
13.Crazing resistance, glazed tiles/Resistenta la crapaturi 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
14.Resistance for household chemicals and swimming pool salts/Rezistenta la solutiile de uz casnic si saruriel de piscina	Min class B	Min class B	Min class B	GA		EN ISO 10545-13
15.Resistance to the low concentration acids and alkalis/Rezistenta la acizi si baze de concentratie slaba	Declared value	Declared value	Declared value	GLA		EN ISO 10545-13
16. Resistance to the high concentration acids and alkalis/ Rezistenta la acizi si baze de concentratie mare	Declared value	Declared value	Declared value	GHA		EN ISO 10545-13
17.Stain resistance/Rezistenta la patare	Declared value	Declared value	Min class 3	class 5		EN ISO 10545-14
18. Frost resistance/Rezistenta la inghet	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/Rezistenta la alunecare	Declared value	Declared value	Declared value	PTV 36 + Dry PTV 36+ Wet		CEN/TS 16165
20. MOHS/Rezistenta la zgariere	Declared value	Declared value	Declared value	9		EN 101:1991

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QC:
/St. Dimitrova/