



Technical Characteristic KAI/KOS
FISA TEHNICA

ODU 16.07.05(7/0)

Model Orient beige, Internal code: 9557 , 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 + 8.2mm	EN ISO 10545-2
3. Straightness of sides/Liniaritatea muchiei,mm	±0.5/max±1.5mm	±1.50	±1.30mm	-0.39 + +0.45 mm	EN ISO 10545-2
4.Rectangularity/Rectangularitat e, mm	±0.5/max±2mm	±2.00	±1.75mm	-0.49 + +0.68mm	EN ISO 10545-2
5. Centre curvature/Curbura centrala, mm	±0.5/max±2mm	±2.00	CC - 1.65 mm; CV + 1.65 mm	-0.46 + +0.51mm	EN ISO 10545-2
6. Edge curvature/Curbura laterală, mm	±0.5/max±2mm	±2.00	CC -1.75mm; CV +1.75mm	-0.49+ +0.47mm	EN ISO 10545-2
7.Warpage/Deformarea, mm	±0.5/max±2mm	±2.00	CC -1.50mm; CV +1.50mm	-0.61+ +0.53mm	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%	0.47%	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: 54.3 N/mm ²	EN ISO 10545-4
11. Breaking strength, thickness≥7.5mm, N /Forta de rupere, N	≥ 1300N	≥ 1300N	≥ 1300N	Average: 1 970	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: 3/ 1 500	EN ISO 10545-7
13.Crazing resistance, glazed tiles/Resitenta 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 0 - 24 Wet	CEN/TS 16165
20. MOHS/Rezistenta la zgarire	Declared value	Declared value	Declared value	9	EN 101:1991

Date: 14.02.2023

QC:
/St. Dimitrova/