



**Technical Characteristic KAI/KOS
FISA TEHNICA**

ODU
16.07.05(7/0)

Model "Siena"

Internal code:6513;6517

Type Porcelain Tiles GL

Group BIa, Nominal size 333x333x7.0 mm

Characteristics/Caracteristici Group BIa, 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
				1C	331.0x331.0	
1. Length/width Lungime/Latime, mm	±0.6/max±2mm	±2.00	333x333	0C	333.0x333.0	EN ISO 10545-2
				2C	335.0x335.0	
2.Thickness Grosimea, mm	±5/max±0.5mm	±0.35	7.0±0.35mm	7.1 – 7.2 mm		EN ISO 10545-2
3. Straightness of sides Liniaritatea muchiei,mm	±0.5/max±1.5mm	±1.50	±1.30 mm	-0.12 – +0.23 mm		EN ISO 10545-2
4. Rectangularity Rectangularitate, mm	±0.5/max±2mm	±1.67	±1.40 mm	-0.38 – +0.65 mm		EN ISO 10545-2
5. Centre curvature Curbura centrala, mm	±0.5/max±2mm	±2.00	±1.50 mm	+0.24 – +0.58 mm		EN ISO 10545-2
6. Edge curvature Curbura laterala, mm	±0.5/max±2mm	±1.67	±1.40 mm	+0.14 – +0.36 mm		EN ISO 10545-2
7. Warpage Deformarea, mm	±0.5/max±2mm	±2.00	±1.50 mm	-0.41 – +0.39 mm		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%	0.14 – 0.21 %		EN ISO 10545-3
10.Modulus of rupture rezistența mecanică, N/mm ²	≥35N/mm ² individual≥32N/mm ²	≥35N/mm ² individual≥32N/mm ²	≥35N/mm ²	Average: 71 N/mm ²		EN ISO 10545-4
11. Breaking strength Forța de rupere, N	≥ 700N	≥ 700N	≥ 700N	Average: 1573 N		EN ISO 10545-4
12.Determination of surface abrasion for glazed tiles/Rezistența 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	6513– 3/1500 6517– 3/1500		EN ISO 10545-7
13.Crazing resistance, glazed tiles/Resistența 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		
14.Resistance for household chemicals and swimming pool salts Rezistența 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 Rezistentă la alunecare	Declared value	Declared value	Declared value	PTV 36+ Dry PTV 0-24 Wet	BS 7976
20. MOHS Rezistentă la zgariere	Declared value	Declared value	Declared value	8	EN 101:1991

Date: 21.02.2023

QC: 

