



**Technical Characteristic KAI/KOS
FISA TEHNICA**

ODU
16.07.05(7/0)

Model: "Subway"

Internal code: 9924

Type: Rectified Porcelain Tiles GL

Group BIa, Nominal size 600 x1200 mm

Characteristics/Caracteristici Group BIa, Annex G	Tolerance EN 14411:2016, %	Tolerance EN14411:2016, mm	Measured in KAI laboratory/Masuratori in laborator Kai		Testing method/Metoda de lucru
1. Work size, mm (Length/width/Lungime /Latime)	±0.6/max±2mm	±2.00	Caliber 8	Size 598 x 1198	EN ISO 10545-2
2.Thickness/Grosimea, mm	±5/max±0.5mm	±0.45	9.0 ±0.4mm		EN ISO 10545-2
3. Straightness of sides /Liniaritatea muchiei,mm	±0.5/max±1.5mm	±1.50	±0.8 mm		EN ISO 10545-2
4. Rectangularity/ Rectangularitate, mm	±0.5/max±2mm	±2.00	±0.8 mm		EN ISO 10545-2
5. Centre curvature/ Curbura centrala, mm	±0.5/max±2mm	±2.00	CC – 0.6 mm; CV + 1.5 mm		EN ISO 10545-2
6. Edge curvature/ Curbura laterala, mm	±0.5/max±2mm	±2.00	CC – 0.6 mm; CV + 1.5 mm		EN ISO 10545-2
7. Warpage /Deformarea, mm	±0.5/max±2mm	±2.00	CC – 0.6 mm; CV + 1.5 mm		EN ISO 10545-2
8. Surface quality/ Calitatea suprafetei	≥95% without defects	≥95% without defects	Pass		EN ISO 10545-2
9 Water absorption/ Absorbtia de apa, %	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	0.06 – 0.09 %		EN ISO 10545-3
10.Modulus of rupture /rezistenta mecanica, N/mm ²	≥35N/mm ² individual≥32N/mm ²	≥35N/mm ² individual≥32N/mm ²	≥35N/mm ²		EN ISO 10545-4
11. Breaking strength/ Forta de rupere, N	≥1300	≥1300	≥1300		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	4/ 6000		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	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	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	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	GHA	EN ISO 10545-13
17. Stain resistance/ Rezistentă la patare	Min class 3	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	Resistant	EN ISO 10545-12
19. MOHS/ Rezistentă la zgăriere	Declared value	Declared value	9	EN 101:1991
20. Slipperiness/ Rezistentă la alunecare	Declared value	Declared value	PTV 36+ Dry PTV 0-24 Wet	BS 7976
21. Slipperiness/ Rezistentă la alunecare	Declared value	Declared value	R10	DIN 51130

Date: 03.05.2023

QC:

