



Technical Characteristic KAI/KOS
FISA TEHNICA

ODU
16.07.05(7/0)

Model: Subway
Internal code: 9784;9785;9786
Type: Rectified Porcelain Tiles GL
Group BIa, Nominal size 300x600 mm

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Characteristics/Caract eristici Group BIa, Annex G	Tolerance EN 14411:2016, %	Tolerance EN14411:2016, mm	Request values/Valori conform standard	Measured in KAI laboratory/Masura tori in laborator Kai	Testing method/Metoda de lucru
1. Work size, mm (Length/width/Lungime /Latime)	±0.6/max±2mm	±1.80/±2.00	Caliber	Size	EN ISO 10545-2
			R	296,5 x 595	
2.Thickness/Grosimea, mm	±5/max±0.5mm	±0.40	9.0±0.45 mm	9.1 – 9.4 mm	EN ISO 10545-2
3. Straightness of sides /Liniaritatea muchiei,mm	±0.5/max±1.5mm	±1.50/±1.50	±1.40/±1.40	-0.26 – +0.32 mm	EN ISO 10545-2
4. Rectangularity/ Rectangularitate, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	-0.17 – +0.34 mm	EN ISO 10545-2
5. Centre curvature/ Curbura centrala, mm	±0.5/max±2mm	±2.0	±1.50	+0.29– +0.56 mm	EN ISO 10545-2
6. Edge curvature/ Curbura laterala, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	-0.18 – +0.62 mm	EN ISO 10545-2
7. Warpage /Deformarea, mm	±0.5/max±2mm	±2.00	±1.50	+0.19 – +0.59 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%	0.02 – 0.09 %	EN ISO 10545-3
10.Modulus of rupture /rezistența mecanică, N/mm²	≥35N/mm² individual≥32N/mm² 2	≥35N/mm² individual≥32N/mm² 2	≥35N/mm²	Average: 50 N/mm²	EN ISO 10545-4
11. Breaking strength/ Forța de rupere, N	≥1300	≥1300	≥1300	Average:1608 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	9784 – 4/ 2100 9785 – 4/ 2100 9786 – 3/ 750	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/ Rezistența la soluțiile 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/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 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	Declared value	Declared value	Declared value	N.C	DIN 51130:2010
20. MOHS/Rezistentă la zgăriere	Declared value	Declared value	Declared value	9	EN 101:1991

Date: 05.03.2020

QC:

