



Technical Characteristic KAI/KOS
FISA TEHNICA

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16.07.05(7/0)

Model TOLEDO brown , Internal code: 9280 Type Tiles: Glazed Porcelain Tile GL,
Group Bla, Nominal size 333x333x7.0 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	Testingmethod/ Metoda de lucru
1.Length/width/ Lungime/Latime, mm	±0.6/max±2mm	±2.00	333x333	3C 329,0x329,0	EN ISO 10545-2
				1C 331,0x331,0	
				0C 333,0x333,0	
				2C 335,0x335,0	
				4C 337,0x337,0	
2.Thickness/ Grosimea,mm	±5/max±0.5mm	±0.40	7.0±0.40 mm	6.8÷ 7.3mm	EN ISO 10545-2
3. Straightness of sides/ Liniaritatea muchiei,mm	±0.5/max±1.5mm	±1.50	±1.25 mm	-0.44 ÷ +0.29mm	EN ISO 10545-2
4.Rectangularity/ Rectangularitate, mm	±0.5/max±2mm	±1.70	±1.45 mm	-0.76÷ +0.90mm	EN ISO 10545-2
5. Centre curvature/ Curbura centrala, mm	±0.5/max±2mm	±2.00	CC -1.5 mm; CV +1.5 mm	-0.73 ÷ +0.44mm	EN ISO 10545-2
6. Edge curvature/ Curbura laterala, mm	±0.5/max±2mm	±1.70	CC -1.35 mm; CV +1.35 mm	-0.83÷ +0.36mm	EN ISO 10545-2
7.Warpage/Deformarea, mm	±0.5/max±2mm	±2.00	CC -1.5 mm; CV +1.5 mm	-1.28÷ +1.29mm	EN ISO 10545-2
8. Surface quality/ Calitatea suprafetei	≥95% without defects	≥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%	≤0,5%	0.19%	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: 57.5N/mm2	EN ISO 10545-4
11. Breaking strength, thickness<7.5mm, N /Forta de rupere, N	≥ 700N	≥ 700N	≥ 700N	Average: 1 373N	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/ 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	Declared value	Declared value	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/ Rezistentă la alunecare	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	PTV 36+Dry PTV 0-24Wet	CEN/TS 16165
20. MOHS/ Rezistentă la zgariere	Declared value	Declared value	Declared value	9	EN 101:1991

Date: 11.06.2024

QC: 
/St. Dimitrova/