



**Technical Characteristic KAI/KOS
FISA TEHNICA**

ODU
16.07.05(7/0)

**Model "Prosecco K"
Internal code: 9829;9830;9831;9860
Type Porcelain Tiles GL
Group BIa, Nominal size 600x600 mm**

Group BIa, Nominal size 600x600 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	
1.Length/width/ Lungime/Latime, mm	±0.6/max±2mm	±2.00	600 x 600	1K	597.6x597.6	EN ISO 10545-2
				2K	598.8x598.8	
				3K	600.0x600.0	
				4K	601.2x601.2	
				5K	602.4x602.4	
2.Thickness/Grosimea, mm	±5/max±0.5mm	±0.50	9.0 ± 0.45 mm	8.7 - 9.0 mm	EN ISO 10545-2	
3. Straightness of sides/Liniaritatea muchiei,mm	±0.5/max±1.5mm	±1.50	±1.20 mm	-0.07 – +0.44 mm	EN ISO 10545-2	
4.Rectangularity/Rectangularitate, mm	±0.5/max±2mm	±2.00	±1.10 mm	-0.44 – +0.35 mm	EN ISO 10545-2	
5. Centre curvature/Curbura centrala, mm	±0.5/max±2mm	±2.00	±1.50 mm	+0.44 – +0.35 mm	EN ISO 10545-2	
6. Edge curvature/Curbura laterala, mm	±0.5/max±2mm	±2.00	±1.20 mm	-0.12 – +0.81 mm	EN ISO 10545-2	
7.Warpage/Deformarea mm	±0.5/max±2mm	±2.00	±1.50 mm	+0.13 – +0.69 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/Absorbtia de apa, %	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	≤0,5%	0.03 – 0.09 %	EN ISO 10545-3	
10.Modulus of rupture /rezistenta mecanica, N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm²	Average: 64 N/mm²	EN ISO 10545-4	
11. Breaking strength/Fora de rupere, N	≥1300	≥1300	≥1300	Average: 2435 N	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	9829 – 3/ 1500 9830 – 4/ 12000 9831 – 4/ 2100 9860 – 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	Pass according to EN ISO 10545-1	Resistant	EN ISO 10545-11	
14.Resistance for household chemicals and swimming pool salts/Rezistenta la	Min class B	Min class B	Min class B	GA	EN ISO 10545-13	

soluțiile de uz casnic și saruri de piscină					
15. Resistance to the low concentration acids and alkalis/Rezistența 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/ Rezistența la acizi și baze de concentrație mare	Declared value	Declared value	Declared value	GHA	EN ISO 10545-13
17. Stain resistance /Rezistența la patare	Min class 3	Min class 3	Min class 5	class 5	EN ISO 10545-14
18. Frost resistance/ Rezistența 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/Rezistența la alunecare	Declared value	Declared value	Declared value	PTV 36+ Dry PTV 36+ Wet	BS 7976
20. MOHS/Rezistența la zgăriere	Declared value	Declared value	Declared value	9	EN 101:1991

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**Technical Characteristic KAI/KOS
FISA TEHNICA**

ODU 16.07.05(7/0)

Model "Prosecco K"

Internal code: 9647;9649;9650;9648

Type Porcelain Tiles GL

Group BIa, Nominal size 300x600x8mm

Group BIa, Nominal size 300x600x6mm						
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	
1. Length/width Lungime/Latime, mm	±0.6/max±2mm	±1.80/±2.00	300 x 600	1K	297,6x597,6	EN ISO 10545-2
				2K	298,8x598,6	
				3K	300,0x600,0	
				4K	301,2x601,2	
				5K	302,4x602,4	
2.Thickness Grosimea, mm	±5/max±0.5mm	±0.40	±0.40 mm	7.9 – 8.1 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	-0.43- +0.38 mm	EN ISO 10545-2	
4. Rectangularity Rectangularitate, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	-0.44 - +0.62 mm	EN ISO 10545-2	
5. Centre curvature Curbura centrala, mm	±0.5/max±2mm	±2.0	±1.50	+0.12 – +1.01mm	EN ISO 10545-2	
6. Edge curvature Curbura laterala, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	+0.12 - +1.07 mm	EN ISO 10545-2	
7. Warpage Deformarea, mm	±0.5/max±2mm	±2.00	±1.50	-0.54– +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%	0.03 – 0.06 %	EN ISO 10545-3	
10.Modulus of rupture Rezistența mecanică, N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm²	Average: 61 N/mm²	EN ISO 10545-4	
11. Breaking strength Forța de rupere, N	≥1300N	≥ 1300N	≥ 1300N	Average: 1935 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	9647 – 4/ 12000 9649 – 3/ 1500 9650 – 4/ 2100 9648 – 4/ 6000	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	EN ISO 10545-11	

14. Resistance for household chemicals and swimming pool salts/Rezistentă 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 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	Declared value	Declared value	Declared value	PTV 36+ Dry PTV 36+ Wet	BS 7976
20. MOHS Rezistentă la zgăriere	Declared value	Declared value	Declared value	9	EN 101:1991

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