

	Technical Characteristic KAI/KOS FISA TEHNICA	ODU 16.07.05(9/0)
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Model “Concreto”
Internal code: 2087;2088;2089KA
Type Porcelain Tiles GL
Group BIa, Nominal size 800x800x8.5 mm

Group B1a, Nominal size 600x600x10 mm									
Characteristics Group Bla, 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. Length/width Lungime/Latime, mm	±0.6/max±2mm	±2.00	<table><tr><td>Caliber</td><td>Size</td></tr><tr><td>8</td><td>798 x 798</td></tr></table>	Caliber	Size	8	798 x 798		EN ISO 10545-2
Caliber	Size								
8	798 x 798								
2.Thickness Grosimea, mm	±5/max±0.5mm	±0.45	8.5 ±0.4mm	In accordance with; EN 14411:2016 Annex G	EN ISO 10545-2				
3. Straightness of sides Liniaritatea muchiei,mm	±0.5/max±1.5mm	±1.50	±1.40 mm	In accordance with; EN 14411:2016 Annex G	EN ISO 10545-2				
4. Rectangularity Rectangularitate, mm	±0.5/max±2mm	±2.00	±1.80 mm	In accordance with; EN 14411:2016 Annex G	EN ISO 10545-2				
5. Centre curvature Curbura centrala, mm	±0.5/max±2mm	±2.00	CC – 0.6 mm; CV + 1.5 mm	In accordance with; EN 14411:2016 Annex G	EN ISO 10545-2				
6. Edge curvature Curbura laterala, mm	±0.5/max±2mm	±2.00	CC – 0.6 mm; CV + 1.5 mm	In accordance with; EN 14411:2016 Annex G	EN ISO 10545-2				
7. Warpage Deformarea, mm	±0.5/max±2mm	±2.00	CC – 0.6 mm; CV + 1.5 mm	In accordance with; EN 14411:2016 Annex G	EN ISO 10545-2				
8. Surface quality Calitatea suprafetei	≥95% without defects	≥95% without defects	95% without defects	Pass	EN ISO 10545-2				
8. Water absorption Absorbtia de apa, %	≤0,5% Individual ≤0,6%/	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	0.04 – 0.10 %	EN ISO 10545-3				
9.Modulus of rupture Rezistenta mecanica, N/mm²	≥35N/mm² individual≥32N/mm²/ единична ≥32N/mm²	≥35N/mm² individual≥32N/mm²/ единична ≥32N/mm²	≥35N/mm²	In accordance with; EN 14411:2016 Annex G	EN ISO 10545-4				
10. Breaking strength Fora de rupere, N	≥1300	≥1300	≥1300	In accordance with; EN 14411:2016 Annex G	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 pro	Declared value/	2087 – 3/1500 2088 – 4/2100 2089 – 4/2100	EN ISO 10545-7				

13.Crazing resistance, glazed tiles/Rezistenta la crapaturi pentru placi glazurate	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1545-1	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	A	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	Declared value	LA	EN ISO 10545-13
16. Resistance to the high concentration acids and alkalis Rezistenta la acizi si baze de concentratie mare	Declared value	Declared value	Declared value	HA	EN ISO 10545-13
17.Stain resistance Rezistenta la patare	Min class 3	Min class 3	Min class 3	class 5	EN ISO 10545-14
16. Frost resistance Rezistenta la inghet	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
17. Slipperiness Rezistenta la alunecare	Declared value	Declared value	Declared value	PTV 36+ Dry PTV 25-35Wet	BS 7976
18. MOHS Rezistenta la zgariere	Declared value	Declared value	Declared value	9	EN 101:1991
19. Slipperiness Rezistenta la alunecare	Declared value	Declared value	Declared value	R9	DIN 51130

Date: 13.02.2026

