

	Technical Characteristic KAI/KOS FISA TEHNICA	ODU 16.07.05(9/0)
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Model "Arena"
Internal code: 2085;2086KA
Type Porcelain Tiles GL
Group BIa, Nominal size 800x800x8.5 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	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				
9.Water absorption/ Absorbtia de apa, %	≤0,5% Individual ≤0,6%/	≤0,5% Individual ≤0,6% /	≤0,5% Individual ≤0,6% /	0.0 – 0.11 %	EN ISO 10545-3				
10.Modulus of rupture/ rezistenta mecanica, N/mm²	≥35N/mm² individual≥32N/mm² ^{2/}	≥35N/mm² individual≥32N/mm² ^{2/}	≥35N/mm²	Average: 59N/mm²	EN ISO 10545-4				
11. Breaking strength/ Forta de rupere, N	≥1300	≥1300	≥1300	Average: 2013 N	EN ISO 10545-4				
12.Determination of surface abrasion for glazed tiles/	the class of abrasive resistance and the number of cycles are	the class of abrasive resistance and the number of cycles are	Declared value	2085 - 4/12000 2086- 3/1500	EN ISO 10545-7				

Rezistenta la abraziune	declared by producer	declared by producer			
13.Crazing resistance, glazed tiles// Rezistenta la crapaturi pentru placi glazurate	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 1545-1	Resistant	EN ISO 10545-11
14.Resistance for household chemicals and swimming pool salts// Rezistenta la solutiile de uz casnic si saruri 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
18. 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
19. Slipperiness/ Rezistenta la alunecare	Declared value	Declared value	Declared value	PTV 36+ Dry PTV 25-35 Wet	BS 7976
20. MOHS / Rezistenta la zgariere	Declared value	Declared value	Declared value	9	EN 101:1991
21. Slipperiness / Rezistenta la alunecare	Declared value	Declared value	Declared value	R9	DIN 51130

Date: 13.02.2026

