



Technical Characteristic KAI/KOS  
FISA TEHNICA

ODU  
16.07.05(7/0)

Model "Epoca"

Internal code: 4823;4824;4825;4843;4844

Type: Ceramic Wall Tiles

Group BIII, 244x744x9 mm

Characteristics Group BIII, Annex L	Tolerance EN 14411:2016, %	Tolerance EN14411:2016, mm	Request values/Valori conform standard	Measured in KAI laboratory/Masurato ri in laborator Kai
1. Length/width Lungime/Latime, mm	±0.5/max±2mm	±1.25/±2.00	±1.00/±2.00	EN ISO 10545-2
2.Thickness Grosimea, mm	±10/max±0.5mm	±0.50	9.0 ± 0.50 mm	EN ISO 10545-2
3. Straightness of sides Liniaritatea muchiei,mm	±0.3/max±1.5mm	±0.75/±1.50	±0.75/±1.50	EN ISO 10545-2
4. Rectangularity Rectangularitate, mm	±0.5/max±2mm	±1.25/±2.00	±1.25/±2.00	EN ISO 10545-2
5. Centre curvature Curbura centrala, mm	0.5/-0.3%/ max 2.0/- 1.5mm	2.00/-1.50	CC – 0.6 mm; CV + 1.8 mm	EN ISO 10545-2
6. Edge curvature Curbura laterala, mm	0.5/-0.3%/ max 2.0/- 1.5mm	1.25/-0.75 2.00/-1.50	CC – 0.6 mm; CV + 1.8 mm	EN ISO 10545-2
7. Warpage Deformarea, mm	±0.5/max ±2.0mm	±2.00	CC – 0.6 mm; CV + 1.8 mm	EN ISO 10545-2
8. Surface quality Calitatea suprafetei	≥95% without defects	≥95% without defects	Pass	EN ISO 10545-2
9.Water absorption Absorbția de apa, %	Eb>10%	Eb>10%	Average: 16.8 %	EN ISO 10545-3
10.Modulus of rupture Rezistența mecanică, N/mm <sup>2</sup>	≥12 N/mm <sup>2</sup>	≥12 N/mm <sup>2</sup>	≥ 22 N/mm <sup>2</sup>	EN ISO 10545-4
11. Breaking strength Forța de rupere, N	≥ 600N	≥ 600N	≥ 832 N	EN ISO 10545-4
12.Crazing resistance, glazed tiles/Rezistența la crapături pentru plăci glazurate	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant	EN ISO 10545-9
13.Resistance for household chemicals and swimming pool salts/Rezistența la soluțiile de uz casnic și sarurile de piscină	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant	EN ISO 10545-11
14.Resistance to the low concentration acids and alkalis/Rezistența la acizi și baze de concentrație slabă	Min class B	Min class B	GA	EN ISO 10545-13
15. Resistance to the high concentration acids and alkalis/ Rezistența la acizi și baze de concentrație mare	Declared value	Declared value	GLA	EN ISO 10545-13
16.Stain resistance Rezistența la patare	Declared value	Declared value	GHA	EN ISO 10545-13

17. MOHS Rezistentă la zgariere	Min class 3	Min class 3	class 5	EN ISO 10545-14
18. Modulus of rupture Rezistentă mecanică, N/mm <sup>2</sup>	Declared value	Declared value	3.5	EN 101:1991

Date: 09.07.2021

