



**Technical Characteristic KAI/KOS
FISA TEHNICA**

ODU
16.07.05(9/0)

Model "Vertus"
Internal code: 4941;4945
Type: Ceramic Wall Tiles
Group BIII, 300x600 x 9 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	Testing method/Metoda de lucru
1. Length/width Lungime/Latime, mm	±0.5/max±2mm	±1.50/±2.00	298.0 x 598.0	8 298.0x598.0	EN ISO 10545-2
2.Thickness Grosimea, mm	±10/max±0.5mm	±0.50	± 0.5 mm	8.9 – 9.0 mm	EN ISO 10545-2
3. Straightness of sides Liniaritatea muchiei,mm	±0.3/max±1.5mm	±0.90/±1.50	±0.80/±1.30 mm	-0.10 – +0.35 mm	EN ISO 10545-2
4. Rectangularity Rectangularitate, mm	±0.5/max±2mm	±1.50/±2.00	±1.30/±1.80 mm	-0.48 – +0.44 mm	EN ISO 10545-2
5. Centre curvature Curbura centrala, mm	0.5/-0.3%/ max 2.0/- 1.5mm	2.00/-1.50	+1.60/+0.50 mm	+1.17 – +1.54 mm	EN ISO 10545-2
6. Edge curvature Curbura laterala, mm	0.5/-0.3%/ max 2.0/- 1.5mm	1.50/-0.90 2.00/-1.50	1.20/-0.50 mm 1.60/-0.60 mm	+0.13– +1.00 mm	EN ISO 10545-2
7. Warpage Deformarea, mm	±0.5/max ±2.0mm	±2.00	±1.60 mm	-0.01 – +0.59 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, %	Eb>10%	Eb>10%	Eb>10%	15.80 – 16.50 %	EN ISO 10545-3
10.Modulus of rupture Rezistenta mecanica, N/mm ²	≥12 N/mm ²	≥12 N/mm ²	≥12 N/mm ²	Average: 23 N/mm ²	EN ISO 10545-4
11. Breaking strength Fora de rupere, N	≥ 600 N	≥ 600 N	≥ 600 N	Average: 1045 N	EN ISO 10545-4
12.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
13.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
14.Resistance to the low concentration acids and alkalis/Rezistenta la acizi si baze de concentratie slaba	Declared value	Declared value	Declared value	GLA	EN ISO 10545-13

15. 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
16. Stain resistance Rezistentă la patare	Min class 3	Min class 3	Min class 5	class 5	EN ISO 10545-14
17. MOHS Rezistentă la zgariere	Declared value	Declared value	Declared value	3.5	EN 101:1991

Date: 12.10.2023

