



**Technical Characteristic KAI/KOS
FISA TEHNICA**

ODU
16.07.05(9/0)

Model "MAT" white

Internal code: 3064

Type Ceramic Wall Tiles

Group BIII, Nominal size 200x200 mm

Characteristics/Caracteristici Group BIII, Annex L	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	±0.5/max±2mm	±1.00	±0.80	199.7 – 200.4 mm	EN ISO 10545-2
2.Thickness Grosimea, mm	±10/max±0.5mm	±0.50	6.0±0.50mm	6.0 - 6.4 mm	EN ISO 10545-2
3. Straightness of sides Liniaritatea muchiei,mm	±0.3/max±1.5mm	±0.60	±0.40 mm	-0.10– +0.19 mm	EN ISO 10545-2
4. Rectangularity Rectangularitate, mm	±0.5/max±2mm	±1.00	±0.80 mm	-0.60 – +0.72 mm	EN ISO 10545-2
5. Centre curvature Curbura centrala, mm	0.5/-0.3%/max±2.0/- 1.5mm	+1.42/-0.85	+1.15/+0.20 mm	+0.08 – +0.98 mm	EN ISO 10545-2
6. Edge curvature Curbura laterala, mm	0.5/-0.3%/max±2.0/- 1.5mm	+1.00/-0.60	+0.90/-010 mm	-0.28 – +0.73 mm	EN ISO 10545-2
7. Warpage Deformarea, mm	±0.5/max±2mm	±1.42	±1.20 mm	-0.55 – +0.41 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%	15.5 %	EN ISO 10545-3
10.Modulus of rupture rezistenta mecanica, N/mm ²	≥15N/mm ²	≥15N/mm ²	≥15N/mm ²	Average: 19.1 N/mm ²	EN ISO 10545-4
11. Breaking strength Fora de rupere, N	≥ 200N	≥ 200N	≥ 200N	Average: 390 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 saruri 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	9	EN 101:1991

Date: 24.10.2025

