



Technical Characteristic KAI/KOS
FISA TEHNICA

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16.07.05(7/0)

Model "Mania"
Internal code: 5958; 5959; 5960
Type: Ceramic Wall Tiles
Group BIII, 200x 500x 9.5 mm

Characteristics Caracteristici Group BIII, Annex L	Tolerance EN 14411:2016, %	Tolerance EN 14411:2016, 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/±2.00	±0.80 /±1.50	199.8 – 200.3 mm 500.3 – 500.6 mm	EN ISO 10545-2
2. Thickness Grosimea, mm	±10/max±0.5mm	±0.50	9.5 ± 0.50 mm	9.1 - 9.5 mm	EN ISO 10545-2
3. Straightness of sides Liniaritatea muchiei, mm	±0.3/max±1.5mm	±0.60/±1.50	±0.40/±1.20 mm	-0.10 – +0.26 mm	EN ISO 10545-2
4. Rectangularity Rectangularitate, mm	±0.5/max±2mm	±1.00/±2.00	±0.80/±1.60 mm	-0.19 – +0.42 mm	EN ISO 10545-2
5. Centre curvature Curbura centrala, mm	0.5/-0.3%/ max 2.0/-1.5mm	2.00/-1.50	+1.40/+0.50 mm	+0.88 – +1.14 mm	EN ISO 10545-2
6. Edge curvature Curbura laterala, mm	0.5/-0.3%/ max 2.0/-1.5mm	1.00/-0.60 2.00/-1.50	0.90/-0.50mm 1.40/-0.95mm	+0.31 – +1.01 mm	EN ISO 10545-2
7. Warpage Deformarea, mm	±0.5/max ±2.0mm	±2.00	±1.40 mm	-0.13 – +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 Absorbția de apa, %	Eb>10%	Eb>10%	Eb>10%	Average: 14.9-16.5 %	EN ISO 10545-3
10. Modulus of rupture Rezistența mecanică, N/mm ²	≥12 N/mm ²	≥12 N/mm ²	≥12 N/mm ²	Average: 22 N/mm ²	EN ISO 10545-4
11. Breaking strength Forța de rupere, N	≥ 600N	≥ 600N	≥ 600N	Average: 1023 N	EN ISO 10545-4
12. Craze resistance, glazed tiles Rezistența la crapături pentru placi glazurate	Pass according to EN ISO 10545-1/ 10545-1	Pass according to EN ISO 10545-1 10545-1	Pass according to EN ISO 10545-1 10545-1	Resistant	EN ISO 10545-11
13. Resistance for household chemicals and swimming pool salts Rezistența la soluțiile de uz casnic și sărurile de piscină	Min class B	Min class B	Min class B	GA	EN ISO 10545-13
14. Resistance to the low concentration acids and alkalis Rezistența la acizi și baze de concentrație slabă	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: 18.11.2019

