



Technical Characteristic KAI/KOS FISA TEHNICA

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16.07.05(7/0)

Model "Firenze"
Internal code: 3271;4958;4957;4961
Type: Ceramic Wall Tiles
Group BIII, 300 x 600 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 – 9.1 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	-0.26 – +0.34 mm	EN ISO 10545-2
4. Rectangularity Rectangularitate, mm	±0.5/max±2mm	±1.50/±2.00	±1.30/±1.80 mm	-0.13 – +0.87 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	+1.05 – +1.23 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	-0.25– +0.99 mm	EN ISO 10545-2
7. Warpage Deformarea, mm	±0.5/max ±2.0mm	±2.00	±1.60 mm	-0.24 – +1.14 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%	16.20 – 16.50 %	EN ISO 10545-3
10.Modulus of rupture Rezistența mecanică, N/mm²	≥12 N/mm²	≥12 N/mm²	≥12 N/mm²	Average: 26 N/mm²	EN ISO 10545-4
11. Breaking strength Forța de rupere, N	≥ 600 N	≥ 600 N	≥ 600 N	Average: 1010 N	EN ISO 10545-4
12.Crazing resistance, glazed tiles/Resistența la crapături pentru plăci 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/Rezistența la soluțiile de uz casnic și saruri 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: 13.02.2023

