



Technical Characteristic KAI/KOS  
FISA TEHNICA

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16.07.05(9/0)

Model "Selena"  
Internal code: 3227  
Type: Ceramic Wall Tiles  
Group BIII, 250x 500x 9.0 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	±1.25/±2.00	±1.00/±1.50	249.8 – 250.4 mm 499.7 – 500.5 mm	EN ISO 10545-2
2. Thickness/Grosimea, mm	±10/max±0.5mm	±0.50	9.0 ± 0.45 mm	8.8 - 9.1 mm	EN ISO 10545-2
3. Straightness of sides/ Liniaritatea muchiei, mm	±0.3/max±1.5mm	±0.75/±1.50	±0.60/±1.20 mm	-0.32 – +0.21 mm	EN ISO 10545-2
4. Rectangularity/ Rectangularitate, mm	±0.5/max±2mm	±1.25/±2.00	±1.10/±1.60 mm	-0.56 – +0.84 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	+0.94 – +1.36 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	1.00/-0.40mm 1.40/-0.40mm	-0.15 – +0.99 mm	EN ISO 10545-2
7. Warpage/ Deformarea, mm	±0.5/max ±2.0mm	±2.00	±1.40 mm	-0.48 – +0.52 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%	15.60 – 17.60 %	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>	≥12 N/mm <sup>2</sup>	Average: 22 N/mm <sup>2</sup>	EN ISO 10545-4
11. Breaking strength /Forța de rupere, N	≥ 600 N	≥ 600 N	≥ 600 N	Average: 852 N	EN ISO 10545-4
12. Craze resistance, glazed tiles/Rezistența 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	Declared value	Declared value	Declared value	GHA	EN ISO 10545-13

acids and alkalis/ Rezistenta la acizi si baze de concentratie mare					
16. Stain resistance/ Rezistenta la patare	Min class 3	Min class 3	Min class 5	class 5	EN ISO 10545-14
17. MOHS/Rezistenta la zgariere	Declared value	Declared value	Declared value	3.5	EN 101: 1991

Date: 09.01.2024

QC: 

