



Technical Characteristic KAI/KOS  
FISA TEHNICA

ODU 16.07.05(7/0)

Model: Aruba, Internal code: 7122; 7123 and 7124 Type Tiles wall tile GL  
Group BIII, Nominal size 250x400x8.0 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/L atime, mm	±0.5%/max±2mm	±1.25/±2.00mm	±1.00/±1.45	249.8÷251.0mm 399.5÷401.3mm	EN ISO 10545-2
2.Thickness/Grosimea, mm	±10%/max±0.5mm	±0.5mm	8.0±0.50 mm	7.8÷8.5mm	EN ISO 10545-2
3. Straightness of sides/Liniaritatea muchiei,mm	±0.5%/max±1.5mm	±0.75/±1.20mm	±0.60mm/ ±1.05 mm	-0.07÷+0.34mm -0.18÷ +0.20mm	EN ISO 10545-2
4.Rectangularity/Rectang ularitate, mm	±0.5%/max±2mm	1.25/±2.00mm	±1.00mm/ ±1.50 mm	-0.81÷ +0.66mm -0.57÷ +1.09mm	EN ISO 10545-2
5. Centre curvature/Curbura centrala, mm	±0.5%/max2/-1.5mm	+2.00/-1.4mm	CC -1.00 mm CV +1.70 mm	+0.43÷+1.54mm	EN ISO 10545-2
6. Edge curvature/Curbura laterala, mm	±0.5%/max2/-1.5mm	+1.25/-0.75/ +2.00/-1.2mm	CC -0.50 mm CV +1.00 mm; CC -1.00 mm CV +1.50 mm	-0.24÷+0.37mm +0.09÷ +1.40mm	EN ISO 10545-2
7.Warpage/Deformarea, mm	±0.5%/max±2mm	±2.00mm	CC -1.70 mm CV +1.70 mm	-0.73÷ +0.65mm	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% Individual >9%	Eb>10% Individual >9%	Eb>10% Individual >9%	15.1 %	EN ISO 10545-3
10.Modulus of rupture/rezistența mecanica, thickness≥7.5mm, N/mm <sup>2</sup>	≥12N/mm <sup>2</sup> Individual >15 N/mm <sup>2</sup>	≥12N/mm <sup>2</sup> Individual >15 N/mm <sup>2</sup>	≥12N/mm <sup>2</sup> Individual >15 N/mm <sup>2</sup>	Average: 17.8/mm <sup>2</sup>	EN ISO 10545-4
11. Breaking strength, thickness≥7.5mm, N /Forta de rupere, N	≥ 600N	≥ 600N	≥ 600N	Average: 664N	EN ISO 10545-4
12.Crazing resistance, glazed tiles/ Rezistență la zgâriere, plăci vitrate	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
12.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
13.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
14. Resistance to the high concentration acids and alkalis/ Rezistența la acizi și baze de concentrație mare	Declared value	Declared value	Declared value	GHA	EN ISO 10545-13
15.Stain resistance/Rezistența la patare	Declared value	Declared value	Min class 3	class 5	EN ISO 10545-14

Date: 12.02.2020

QC: .....  
/D. Stancheva/