



Technical Characteristic KAI/KOS
FISA TEHNICA

ODU 16.07.05(9/0)

Model: Reflection white, Internal code: 3442; Type Tiles wall tile GL
Group BIII, Nominal size 200x500x9.0 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	$\pm 0.5\%/max \pm 2mm$	$\pm 1.00/\pm 2.00mm$	$\pm 0.8/\pm 1.50$	200.4÷200.5mm 500.8÷501.5mm	EN ISO 10545-2
2.Thickness/Grosimea, mm	$\pm 10\%/max \pm 0.5mm$	$\pm 0.5mm$	9.0±0.50 mm	9.3÷9.3mm	EN ISO 10545-2
3. Straightness of sides/Liniaritatea muchiei,mm	$\pm 0.3\%/max \pm 1.5mm$	$\pm 0.60/\pm 1.50mm$	$\pm 0.40mm/± 1.20 mm$	-0.14÷+0.23mm -0.53÷+0.32mm	EN ISO 10545-2
4.Rectangularity/Rectangu laritate, mm	$\pm 0.5\%/max \pm 2mm$	1.00/±2.00mm	$\pm 0.80mm/± 1.60 mm$	-0.83÷ +0.04mm -1.19÷ +1.47mm	EN ISO 10545-2
5. Centre curvature/Curbura centrala, mm	-0.3/+0.5%/ Max-1.5/+2.0mm	-1.50/+2.00mm	CC -1.00 mm CV +1.70 mm	+1.12÷ +1.63mm	EN ISO 10545-2
6. Edge curvature/Curbura laterală, mm	-0.3/+0.5%/ Max-1.5/+2.0mm	-0.60/+1.00/ -1.50/+2.00mm	CC -0.50 mm CV +0.90 mm; CC -1.00 mm CV +1.50 mm	-0.11÷ -0.12mm +1.37÷ +1.49mm	EN ISO 10545-2
7.Warpage/Deformarea, mm	$\pm 0.5\%/max \pm 2mm$	$\pm 2.00mm$	CC -1.50 mm CV +1.50 mm	-0.29÷ +0.43mm	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% Individual >9%	Eb>10% Individual >9%	Eb>10% Individual >9%	15.5 %	EN ISO 10545-3
10.Modulus of rupture/rezistenta mecanica, thickness≥7.5mm, N/mm ²	≥12N/mm ² Individual >15 N/mm ²	≥12N/mm ² Individual >15 N/mm ²	≥12N/mm ² Individual >15 N/mm ²	Average: 20.35 N/mm ²	EN ISO 10545-4
11. Breaking strength, thickness≥7.5mm, N /Forța de rupere, N	≥ 600N	≥ 600N	≥ 600N	Average: 1047N	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/Rezistenta la soluțiile de uz casnic si saruriel de piscina	Min class B	Min class B	Min class B	GA	EN ISO 10545-13
13.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
14. Resistance to the high concentration acids and alkalis/ Rezistenta la acizi si baze de concentratie mare	Declared value	Declared value	Declared value	GHA	EN ISO 10545-13
15.Stain resistance/Rezistenta la patare	Declared value	Declared value	Min class 3	class 5	EN ISO 10545-14

Date: 20.11.2024

QC:
/St. Dimitrova/