

	Technical Characteristic KAI/KOS	ОДУ 16.07.05(7/0)
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Model "White"
Internal code: 5577
Type: Ceramic Wall Tiles
Group BIII, 250x 500x 9.5 mm

Characteristics Group BIII, Annex K	Tolerance EN 14411:2012, %	Tolerance EN14411:2012,mm	Request values	Measured in KAI laboratory	Testing method
1. Length/width, mm	$\pm 0.5/\text{max} \pm 2\text{mm}$	$\pm 1.25/\pm 2.00$	$\pm 1.00/\pm 1.50$	249.5 – 250.5 mm 499.6 – 500.7 mm	EN ISO 10545-2
2. Thickness, mm	$\pm 10/\text{max} \pm 0.5\text{mm}$	± 0.50	9.5 ± 0.475 mm	9.3-9.4 mm	EN ISO 10545-2
3. Straightness of sides, mm	$\pm 0.3/\text{max} \pm 1.5\text{mm}$	$+0.75/+1.50$	$+0.60/+1.20$ mm	-0.13 – +0.12 mm	EN ISO 10545-2
4. Rectangularity, mm	$\pm 0.5/\text{max} \pm 2\text{mm}$	$\pm 1.25/\pm 2.00$	$\pm 1.10/\pm 1.60$ mm	-0.19 – +0.54 mm	EN ISO 10545-2
5. Centre curvature, mm	$0.5/-0.3\%/\text{max } 2.0/-1.5\text{mm}$	2.00/-1.50	$+1.40/+0.50$ mm	+0.81 – +1.05 mm	EN ISO 10545-2
6. Edge curvature, mm	$0.5/-0.3\%/\text{max } 2.0/-1.5\text{mm}$	1.25/-0.75 2.00/-1.50	1.00/-0.40mm 1.40/-0.40mm	+0.25 – +0.82 mm	EN ISO 10545-2
7. Warpage, mm	$\pm 0.5/\text{max} \pm 2.0\text{mm}$	± 2.00	± 1.40 mm	-0.13 – +0.73 mm	EN ISO 10545-2
8. Surface quality	$\geq 95\%$ without defects	$\geq 95\%$ without defects	$\geq 98\%$ without defects	Pass	EN ISO 10545-2
9. Water absorption, %	$E_b > 10\%$	$E_b > 10\%$	$E_b > 10\%$	14.2 – 16.5 %	EN ISO 10545-3
10. Modulus of rupture, N/mm ²	≥ 12 N/mm ²	≥ 12 N/mm ²	≥ 12 N/mm ²	Average: 23.0 N/mm ²	EN ISO 10545-4
11. Crazing resistance, glazed tiles	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	Min class B	Min class B	Min class B	GA	EN ISO 10545-13
13. Resistance to the low concentration acids and alkalis	Declared value	Declared value	Declared value	GLA	EN ISO 10545-13
14. Resistance to the high concentration acids and alkalis	Declared value	Declared value	Declared value	GHA	EN ISO 10545-13
15. Stain resistance	Declared value	Declared value	Min class 3	class 5	EN ISO 10545-14

Date: .02.06.2016

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MCP