

	Technical Characteristic KAI/KOS	ODU 16.07.05(9/0)
---	---	----------------------

Model “Statuario”
Internal code: 4939KA;4940KA
Type: Ceramic Wall Tiles
Group BIII, 300x 600x 9 mm

Characteristics Group BIII, Annex L	Tolerance EN 14411:2016, %	Tolerance EN 1441: 2016, mm	Request values	Measured in KAI laboratory	Testing method
1. Length/width, mm	±0.5/max±2mm	±1.50/±2.00	±1.30/±1.80	8 298x598	EN ISO 10545-2
2.Thickness, mm	±10/max±0.5mm	±0.50	± 0.5 mm	8.9 - 9.1 mm	EN ISO 10545-2
3. Straightness of sides,mm	±0.3/max±1.5mm	±0.90/±1.50	±0.80/±1.30 mm	-0.17 – +0.36 mm	EN ISO 10545-2
4. Rectangularity, mm	±0.5/max±2mm	±1.50/±2.00	±1.30/±1.80 mm	-0.71 – +1.47 mm	EN ISO 10545-2
5. Centre curvature, mm	0.5/-0.3%/ max 2.0/- 1.5mm	2.00/-1.50	+1.60/+0.50 mm	+0.92 – +1.47 mm	EN ISO 10545-2
6. Edge curvature, 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	+0.16 – +1.02 mm	EN ISO 10545-2
7. Warpage, mm	±0.5/max ±2.0mm	±2.00	±1.60 mm	-0.55 – +0.70 mm	EN ISO 10545-2
8. Surface quality	≥95% without defects	≥95% without defects	≥98% without defects	Pass	EN ISO 10545-2
9.Water absorption, %	Eb>10%	Eb>10%	Eb>10%	14.40 – 15.10 %	EN ISO 10545-3
10.Modulus of rupture, N/mm ²	≥12 N/mm ²	≥12 N/mm ²	≥12 N/mm ²	Average: 27 N/mm ²	EN ISO 10545-4
11. Breaking strength, N	≥ 600 N	≥ 600 N	≥ 600 N	Average: 1045 N	EN ISO 10545-4
12.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
13.Resistance for household chemicals and swimming pool salts	Min class B	Min class B	Min class B	GA	EN ISO 10545-13
14.Resistance to the low concentration acids and alkalis	Declared value	Declared value	Declared value	GLA	EN ISO 10545-13
15. Resistance to the high concentration acids and alkalis	Declared value	Declared value	Declared value	GHA	EN ISO 10545-13
16.Stain resistance	Min class 3	Min class 3	Min class 5	class 5	EN ISO 10545-14
17. MOHS	Declared value	Declared value	Declared value	3.5	EN 101: 1991

Date: 29.04..2025

