

Model "Delphi" waves
Internal code: 4930KA
Type: Ceramic Wall Tiles
Group BIII, 250 x 500 x 9 mm

Characteristics Group BIII, Annex L	Tolerance EN 14411:2016, %	Tolerance EN14411:2016, mm	Request values	Measured in KAI laboratory	Testing method
1. Length/width, mm	±0.5/max±2mm	±1.25/±2.00	±1.00/±1.50	250.2 – 250.7 mm 500.1 – 501.6 mm	EN ISO 10545-2
2. Thickness, mm	±10/max±0.5mm	±0.50	9.0 ± 0.5 mm	8.7 - 9.00 mm	EN ISO 10545-2
3. Straightness of sides, mm	±0.3/max±1.5mm	±0.75/±1.50	±0.60/±1.20 mm	-0.32 – +0.16 mm	EN ISO 10545-2
4. Rectangularity, mm	±0.5/max±2mm	±1.25/±2.00	±1.10/±1.60 mm	-0.87 – +0.55 mm	EN ISO 10545-2
5. Centre curvature, mm	0.5/-0.3% / max 2.0/-1.5mm	2.00/-1.50	+1.40/+0.50 mm	+0.71 – +1.31 mm	EN ISO 10545-2
6. Edge curvature, 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	-0.21 – +1.19 mm	EN ISO 10545-2
7. Warpage, mm	±0.5/max ±2.0mm	±2.00	±1.40 mm	-0.31 – +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%	16.70 – 17.10 %	EN ISO 10545-3
10. Modulus of rupture, N/mm ²	≥12 N/mm ²	≥12 N/mm ²	≥12 N/mm ²	Average: 25 N/mm ²	EN ISO 10545-4
11. Breaking strength, N	≥ 600 N	≥ 600 N	≥ 600 N	Average: 966 N	EN ISO 10545-4
12. Craze 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	Declared value	Declared value	Min class 3	class 5	EN ISO 10545-14
17. MOHS	Declared value	Declared value	Declared value	3.5	EN 101: 1991

Date: 07.05.2025

