

**Model "Cemento"
Internal code: 3409;3410
Type: Ceramic Wall Tiles
Group BIII, 732x744x9 mm**

Characteristics 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	Measured in KAI laboratory/Masura tori in laborator Kai
1. Length/width Lungime/Latime, mm	±0.5/max±2mm	±1.25/±2.00	244 x 744	R 244x744	EN ISO 10545-2
2. Thickness Grosimea, mm	±10/max±0.5mm	±0.50	9.0 ± 0.50 mm	9.1 – 9.2 mm	EN ISO 10545-2
3. Straightness of sides Liniaritatea muchiei, mm	±0.3/max±1.5mm	±0.75/±1.50	±0.75/±1.50	-0.10 - +0.55 mm	EN ISO 10545-2
4. Rectangularity Rectangularitate, mm	±0.5/max±2mm	±1.25/±2.00	±1.25/±2.00	-0.30 - +0.66 mm	EN ISO 10545-2
5. Centre curvature Curbura centrala, mm	0.5/-0.3%/ max 2.0/-1.5mm	2.00/-1.50	CC – 0.6 mm; CV + 1.8 mm	+0.88 - +1.17 mm	EN ISO 10545-2
6. Edge curvature Curbura laterala, mm	0.5/-0.3%/ max 2.0/-1.5mm	1.25/-0.75 2.00/-1.50	CC – 0.6 mm; CV + 1.8 mm	+0.11 - +1.05 mm	EN ISO 10545-2
7. Warpage Deformarea, mm	±0.5/max ±2.0mm	±2.00	CC – 0.6 mm; CV + 1.8 mm	-0.53 - +0.62 mm	EN ISO 10545-2
8. Surface quality Calitatea suprafetei	≥95% without defects	≥95% without defects	Pass	Pass	EN ISO 10545-2
9. Water absorption Absorbtia de apa, %	Eb>10%	Eb>10%	Eb>10%	14.20 – 14.70 %	EN ISO 10545-3
10. Modulus of rupture Rezistenta mecanica, N/mm ²	≥12 N/mm ²	≥12 N/mm ²	≥12 N/mm ²	Average: 28 N/mm ²	EN ISO 10545-4
11. Breaking strength Fora de rupere, N	≥ 600N	≥ 600N	≥ 600N	Average: 942 N	EN ISO 10545-4
12. Craze resistance, glazed tiles/Rezistenta la crapaturi pentru placi glazurate	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant	Resistant	EN ISO 10545-9
13. Resistance for household chemicals and swimming pool salts/Rezistenta la solutiile de uz casnic si saruri de piscina	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant	Resistant	EN ISO 10545-11

14. Resistance to the low concentration acids and alkalis/Rezistenta la acizi si baze de concentratie slaba	Min class B	Min class B	Min class B	GA	EN ISO 10545-13
15. Resistance to the high concentration acids and alkalis/ Rezistenta la acizi si baze de concentratie mare	Declared value	Declared value	Declared value	GLA	EN ISO 10545-13
16. Stain resistance Rezistenta la patare	Declared value	Declared value	Declared value	GHA	EN ISO 10545-13
17. MOHS Rezistenta la zgariere	Min class 3	Min class 3	Min class 3	class 5	EN ISO 10545-14
18. Modulus of rupture Rezistenta mecanica, N/mm ²	Declared value	Declared value	Declared value	8	EN 101:1991

Date: 22.07.2024

