



Technical Characteristic KAI/KOS FISA TEHNICA

ODU
16.07.05(9/0)

Model: „Cemento“

Internal code: 6534

Type: Rectified Porcelain Tiles GL

Group Bla, Nominal size 600x600x8.5mm

Characteristics/Caracteristici Group Bla, Annex G	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. Work size, mm (Length/width/Lungime/Latime)	±0.6/max±2mm	±2.00	Caliber	Size	EN ISO 10545-2
			8	598 x 598	
2. Thickness/ Grosimea, mm	±5/max±0.5mm	±0.50	8.5 ± 0.42 mm	8.3 – 8.5 mm	EN ISO 10545-2
3. Straightness of sides/ Liniaritatea muchiei, mm	±0.5/max±1.5mm	±1.50	±1.20 mm	-0.50 – +0.12 mm	EN ISO 10545-2
4. Rectangularity/ Rectangularitate, mm	±0.5/max±2mm	±2.00	±1.10 mm	-0.88 – +1.02 mm	EN ISO 10545-2
5. Centre curvature/ Curbura centrala, mm	±0.5/max±2mm	±2.00	±1.50 mm	-0.09– +0.66 mm	EN ISO 10545-2
6. Edge curvature/ Curbura laterala, mm	±0.5/max±2mm	±2.00	±1.20 mm	-0.68 – +0.40 mm	EN ISO 10545-2
7. Warpage/ Deformarea, mm	±0.5/max±2mm	±2.00	±1.50 mm	-0.50 – +0.39 mm	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/ Absorbția de apa, %	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	≤0,5%	0.03 – 0.06 %	EN ISO 10545-3
10. Modulus of rupture/ rezistența mecanică, N/mm²	≥35N/mm² individual ≥32N/mm²	≥35N/mm² individual ≥32N/mm²	≥35N/mm²	Average: 54 N/mm²	EN ISO 10545-4
11. Breaking strength/ Forța de rupere, N	≥1300	≥1300	≥1300	Average: 2001 N	EN ISO 10545-4
12. Determination of surface abrasion for glazed tiles/Rezistența la abraziune	the class of abrasive resistance and the number of cycles are declared by producer	the class of abrasive resistance and the number of cycles are declared by producer	Declared value	4/12000	EN ISO 10545-7
13. Cracking resistance, glazed tiles/Rezistența la crapături pentru plăci glazurate	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
14. Resistance for household chemicals and swimming pool salts/ Rezistența la soluțiile de uz casnic și sărurile de piscină	Min class B	Min class B	Min class B	GA	EN ISO 10545-13

15. Resistance to the low concentration acids and alkalis/Rezistentă la acizi și baze de concentrație slabă	Declared value	Declared value	Declared value	GLA	EN ISO 10545-13
16. Resistance to the high concentration acids and alkalis/Rezistentă la acizi și baze de concentrație mare	Declared value	Declared value	Declared value	GHA	EN ISO 10545-13
17. Stain resistance/Rezistentă la patare	Min class 3	Min class 3	Min class 3	class 5	EN ISO 10545-14
18. Frost resistance/Rezistentă la îngheț	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant	EN ISO 10545-12
19. Slipperiness/Rezistentă la alunecare	Declared value	Declared value	Declared value	PTV 36+ Dry PTV 0-24 Wet	BS 7976
20. Slipperiness	Declared value	Declared value	Declared value	N.C	DIN 51130
21. MOHS/Rezistentă la zgariere	Declared value	Declared value	Declared value	9	EN 101:1991

Date: 22.07.2024

