

**Model Siena, Internal code: 7441 and 8302, Type Floor Tiles GL  
Group Bllb, Nominal size 340x340x6.5 mm**

Characteristics/Caracteristici Group Bllb, Annex K	Tolerance EN 14411:2016, %	Tolerance EN14411:2016, mm	Request values/Valori conform standard	Measured in KAI laboratory/Masuratori in laborator Kai	Testing method/Metoda d lucru
1.Length/width/Lungime/Latime, mm	±0.6/max±2mm	±2.00	340x340	3C 336.0x336.0	EN ISO 10545-2
				1C 338.0x338.0	
				0C 340.0x340.0	
				2C 342.0x342.0	
				4C 344.0x344.0	
2.Thickness/Grosimea, mm	±5/max±0.5mm	±0.50	6.5±0.40 mm	6.3 / 6.9 mm	EN ISO 10545-2
3. Straightness of sides/Liniaritatea muchiei,mm	±0.5/max±1.5mm	±1.50	±1.15 mm	-0.20/+0.52 mm	EN ISO 10545-2
4.Rectangularity/Rectangularitat e, mm	±0.5/max±2mm	±1.70	±1.40 mm	-0.62/+0.92mm	EN ISO 10545-2
5. Centre curvature/Curbura centrala, mm	±0.5/max±2mm	±2.00	CC -1.40 mm; CV +1.40 mm	+0.60/+1.25 mm	EN ISO 10545-2
6. Edge curvature/Curbura laterala, mm	±0.5/max±2mm	±1.70	CC -1.20 mm; CV +1.20 mm	+0.17/+0.73mm	EN ISO 10545-2
7.Warpage/Deformarea, mm	±0.5/max±2mm	±2.00	CC -1.40 mm; CV +1.40 mm	-0.54/+0.76mm	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/Absorbtia de apa, %	6% < Eb ≤ 10% Individual ≤11%	6% < Eb ≤ 10% Individual ≤11%	6% < Eb ≤ 10% Individual ≤11%	7.7%	EN ISO 10545-3
10.Modulus of rupture/rezistenta mecanica, thickness<7.5mm, N/mm <sup>2</sup>	≥18N/mm <sup>2</sup> individual≥16N/mm <sup>2</sup>	≥18N/mm <sup>2</sup> individual≥16N/mm <sup>2</sup>	≥18N/mm <sup>2</sup> individual≥16N/mm <sup>2</sup>	Average: 31.951N/mm <sup>2</sup>	EN ISO 10545-4
11. Breaking strength, thickness<7.5mm, N /Forta de rupere, N	≥ 500N	≥ 500N	≥ 500N	Average: 572 N	EN ISO 10545-4
12.Determination of surface abrasion for glazed tiles/Rezistenta 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	7441 Class: 4/2 100 8302 Class: 4/ 2 100	EN ISO 10545-7
13.Crazing resistance, glazed tiles/Resistenta la crapaturi pentru placi 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/Rezistenta la solutiile de uz casnic si sarurile de piscina	Min class B	Min class B	Min class B	GA	EN ISO 10545-13
15.Resistance to the low concentration acids and alkalis/Rezistenta la acizi si baze de concentratie slaba	Declared value	Declared value	Declared value	GLA	EN ISO 10545-13
16. Resistance to the high concentration acids and alkalis/ Rezistenta la acizi si baze de concentratie mare	Declared value	Declared value	Declared value	GHA	EN ISO 10545-13
17.Stain resistance/Rezistenta la patare	Min class 3	Min class 3	Min class 5	class 5	EN ISO 10545-14
18. Frost resistance/Rezistenta la inghet	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/Rezistenta la alunecare	Declared value	Declared value	Declared value	PTV 36+Dry PTV 0-24Wet	CEN/TS 16165
20. MOHS/Rezistenta la zgarieri	Declared value	Declared value	Declared value	9	EN 101:1991

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QC: .....  
/D. Stancheva