



**Technical Characteristic KAI/KOS
FISA TEHNICA**

ODU
16.07.05(7/0)

**Model Sorel, Internal code: 7592; 7593; 7594; 7383 and 7381, Type Floor Tiles GL
Group Blla, Nominal size 333x333x7.4 mm**

Characteristics/ Caracteristici Group Blla, Annex J	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.Length/width/Lungime /Latime, mm	±0.6/max±2mm	±2.00	333x333mm	<table border="1"> <tr><td>3C</td><td>329,0x329,0</td></tr> <tr><td>1C</td><td>331,0x331,0</td></tr> <tr><td>0C</td><td>333,0x333,0</td></tr> <tr><td>2C</td><td>335,0x335,0</td></tr> <tr><td>4C</td><td>337,0x337,0</td></tr> </table>	3C	329,0x329,0	1C	331,0x331,0	0C	333,0x333,0	2C	335,0x335,0	4C	337,0x337,0	EN ISO 10545-2
3C	329,0x329,0														
1C	331,0x331,0														
0C	333,0x333,0														
2C	335,0x335,0														
4C	337,0x337,0														
2.Thickness/Grosimea, mm	±5/max±0.5mm	±0.37	7.4±0.30 mm	7.3 / 7.7 mm	EN ISO 10545-2										
3. Straightness of sides/Liniaritatea muchiei,mm	±0.5/max±1.5mm	±1.50	±1.25 mm	-0.35 / +0.37 mm	EN ISO 10545-2										
4.Rectangularity/Rectan gularitate, mm	±0.5/max±2mm	±1.67	±1.45 mm	-0.74 / +0.94mm	EN ISO 10545-2										
5. Centre curvature/Curbura centrala, mm	±0.5/max±2mm	±2.00	CC -1.5 mm; CV +1.5 mm	-0.17 / +0.77 mm	EN ISO 10545-2										
6. Edge curvature/Curbura laterală, mm	±0.5/max±2mm	±1.67	CC -1.35 mm; CV +1.35 mm	-0.24 / +0.74mm	EN ISO 10545-2										
7.Warpage/Deformarea, mm	±0.5/max±2mm	±2.00	CC -1.5 mm; CV +1.5 mm	-0.71 / +0.96mm	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, %	3% < Eb ≤ 6.0% Individual ≤6.5%	3% < Eb ≤ 6.0% Individual ≤6.5%	3% < Eb ≤ 6.0% Individual ≤6.5%	5.2%	EN ISO 10545-3										
10.Modulus of rupture/rezistența mecanică, thickness<7.5mm, N/mm²	≥22N/mm² individual≥20N/mm²	≥22N/mm² individual≥20N/mm²	≥22N/mm² individual≥20N/m m²	Average: 35.7N/mm²	EN ISO 10545-4										
11. Breaking strength, thickness<7.5mm, N /Forta de rupere, N	≥ 600N	≥ 600N	≥ 600N	Average: 894N	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	Class: 7592 - 1 / 150 7593 - 1 / 150 7594 - 2 / 600 7383 - 3 / 1 500 7381 - 3 / 1 500	EN ISO 10545-7										
13.Crazing resistance, glazed tiles/Resistența la crapături pentru plăci	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										

glazurate					
14. Resistance for household chemicals and swimming pool salts/Rezistentă la solutiile de uz casnic și saruriel 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 5	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 0-24Wet	CEN/TS 16165
20. MOHS/Rezistentă la zgariere	Declared value	Declared value	Declared value	5	EN 101:1991

Date: 18.11.2019

QC:
/D. Stancheva/