



Technical Characteristic KAI/KOS  
FISA TEHNICA

ODU 16.07.05(7/0)

Model: Sorel, Internal code: 7391; 7393; 7621; 7622; 7624; 7625 and 7626 Type Tiles wall tile GL  
Group BIII, Nominal size 250x400x8.0 mm

Characteristics/ Caracteristici 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	Testing method/Metoda de lucru
1.Length/width/Lungime/L atime, mm	±0.5%/max±2mm	±1.25/±2.00mm	±1.00/±1.45	249.5÷251.0mm 399.0÷401.4mm	EN ISO 10545-2
2.Thickness/Grosimea, mm	±10%/max±0.5mm	±0.5mm	8.0±0.40 mm	7.8÷8.3mm	EN ISO 10545-2
3. Straightness of sides/Liniaritatea muchiei,mm	±0.5%/max±1.5mm	±0.75/±1.20mm	±0.60mm/ ±1.05 mm	-0.34÷+0.53mm -0.37÷ +0.29mm	EN ISO 10545-2
4.Rectangularity/Rectang ularitate, mm	±0.5%/max±2mm	1.25/±2.00mm	±1.00mm/ ±1.50 mm	-0.86÷ +0.94mm -1.42÷ +0.96mm	EN ISO 10545-2
5. Centre curvature/Curbura centrala, mm	±0.5%/max2/-1.5mm	+2.00/-1.4mm	CC -1.0 mm CV +1.7 mm	+0.63÷+1.57mm	EN ISO 10545-2
6. Edge curvature/Curbura laterala, mm	±0.5%/max2/-1.5mm	+1.25/-0.75/ +2.00/ 1.2mm	CC -0.5 mm CV +1.0mm; CC -1.0 mm CV +1.5 mm	-0.60÷+0.69mm +0.85÷ +1.39mm	EN ISO 10545-2
7.Warpage/Deformarea, mm	±0.5%/max±2mm	±2.00mm	CC -1.7 mm CV +1.7 mm	-0.46÷ +0.70mm	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, %	Eb>10% Individual >9%	Eb>10% Individual >9%	Eb>10% Individual >9%	14.7 %	EN ISO 10545-3
10.Modulus of rupture/rezistenta mecanica, thickness≥7.5mm, N/mm <sup>2</sup>	≥12N/mm <sup>2</sup> Individual >15 N/mm <sup>2</sup>	≥12N/mm <sup>2</sup> Individual >15 N/mm <sup>2</sup>	≥12N/mm <sup>2</sup> Individual >15 N/mm <sup>2</sup>	Average: 18.39/mm <sup>2</sup>	EN ISO 10545-4
11. Breaking strength, thickness≥7.5mm, N /Fora de rupere, N	≥ 600N	≥ 600N	≥ 600N	Average: 664N	EN ISO 10545-4
12.Resistance for household chemicals and swimming pool salts/Rezistenta la solutiile de uz casnic si saruriel de piscina	Min class B	Min class B	Pass according to EN ISO 10545-1	Resistant	EN ISO 10545-13
13.Resistance to the low concentration acids and alkalis/Rezistenta la acizi si baze de concentratie slaba	Declared value	Declared value	Min class B	GA	EN ISO 10545-13
14. 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
15.Stain resistance/Rezistenta la patare	Declared value	Declared value	Declared value	GHA	EN ISO 10545-14

Date: 18.11.2019

QC:   
/D. Stancheval