



**Technical Characteristic KAI/KOS  
FISA TEHNICA**

ODU  
16.07.05(7/0)

**Model: SPIRIT SILVER K4VK  
Type Porcelain Tiles GL  
Group BIa**

Characteristics/Caracteristici Group BIa, Annex G	Tolerance EN 14411:2016, %	Request values/ Valori conform standard	Testing method/Metoda de lucru
1.Length/width/Lungime/Latime, mm	$\pm 0.6/\text{max}\pm 2\text{mm}$	598 x 598	EN ISO 10545-2
2.Thickness/Grosimea, mm	$\pm 5/\text{max}\pm 0.5\text{mm}$	In accordance with EN 14411:2016 Annex G	EN ISO 10545-2
3. Straightness of sides/Liniaritatea muchiei, mm	$\pm 0.5/\text{max}\pm 1.5\text{mm}$	In accordance with EN 14411:2016 Annex G	EN ISO 10545-2
4.Rectangularity/Rectangularitate, mm	$\pm 0.5/\text{max}\pm 2\text{mm}$	In accordance with EN 14411:2016 Annex G	EN ISO 10545-2
5. Centre curvature/Curbura centrala, mm	$\pm 0.5/\text{max}\pm 2\text{mm}$	In accordance with EN 14411:2016 Annex G	EN ISO 10545-2
6. Edge curvature/Curbura laterala, mm	$\pm 0.5/\text{max}\pm 2\text{mm}$	In accordance with EN 14411:2016 Annex G	EN ISO 10545-2
7. Warpage/Deformarea, mm	$\pm 0.5/\text{max}\pm 2\text{mm}$	In accordance with EN 14411:2016 Annex G	EN ISO 10545-2
8. Surface quality/ Calitatea suprafetei	$\geq 95\%$ without defects	In accordance with EN 14411:2016 Annex G	EN ISO 10545-2
9.Water absorption/Absorbția de apă, %	$\leq 0,5\%$ Individual $\leq 0,6\%$	$\leq 0,05\%$	EN ISO 10545-3
10.Modulus of rupture /rezistența mecanică, N/mm <sup>2</sup>	$\geq 35\text{N}/\text{mm}^2$ individual $\geq 32\text{N}/\text{mm}^2$	$> 60 \text{ N}/\text{mm}^2$	EN ISO 10545-4
11. Breaking strength/ Forta de rupere, N	$\geq 1300$	$> 15\ 000 \text{ N}$	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	Declared value	EN ISO 10545-7
13.Crazing resistance, glazed tiles/Rezistența la crapături pentru plăci glazurate	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	GA	EN ISO 10545-13
15.Resistance to the low concentration acids and	Declared value	GLA	EN ISO 10545-13

alkalis/Rezistentă la acizi și baze de concentrație slabă			
16. Resistance to the high concentration acids and alkalis/ Rezistentă la acizi și baze de concentrație mare	Declared value	GHA	EN ISO 10545-13
17. Stain resistance /Rezistentă la patare	Min class 3	class 5	EN ISO 10545-14
18. Frost resistance /Rezistentă la îngheț	Pass according to EN ISO 10545-1	Resistant	EN ISO 10545-12
19. Slipperiness/ Rezistentă la alunecare	Declared value	R10	DIN 51130
20. MOHS/ Rezistentă la zgăriere	Declared value	9	EN 101:1991

Date: 21.03.2024

QC: 