



**Technical Characteristic KAI/KOS
FISA TEHNICA**

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16.07.05(9/0)

Model "Gres SP"

Internal code: 6421KA

Type Porcelain Tiles UGL

Group BIa, Nominal size 333x333x7.0 mm

Characteristics/Caracteristici Group BIa, Annex G	Tolerance EN 14411:2016, %	Tolerance EN14411:2016, mm	Request values/Valori conform standard	Measured in KAI laboratory/Masura tori in laborator Kai		Testing method/Metoda de lucru
1. Length/width Lungime/Latime, mm	±0.6/max±2mm	±2.00	333x333	1K	330,6x330,6	EN ISO 10545-2
				2K	331,8x331.8	
				3K	333.0x333.0	
				4K	334,2x334,2	
				5K	335,4x335,4	
2.Thickness Grosimea, mm	±5/max±0.5mm	±0.35	7.0±0.35 mm	7.0 –7.1 mm		EN ISO 10545-2
3. Straightness of sides Liniaritatea muchiei,mm	±0.5/max±1.5mm	±1.50	±1.30 mm	+0.18 – +0.34 mm		EN ISO 10545-2
4. Rectangularity Rectangularitate, mm	±0.5/max±2mm	±1.67	±1.40 mm	-0.16 – +0.58 mm		EN ISO 10545-2
5. Centre curvature Curbura centrala, mm	±0.5/max±2mm	±2.00	±1.50 mm	-0.12 – +0.43 mm		EN ISO 10545-2
6. Edge curvature Curbura laterala, mm	±0.5/max±2mm	±1.67	±1.40 mm	-0.19 – +0.28 mm		EN ISO 10545-2
7. Warpage Deformarea, mm	±0.5/max±2mm	±2.00	±1.50 mm	-0.20 – +0.34 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%	0.18 – 0.35 %		EN ISO 10545-3
10.Modulus of rupture rezistența mecanica, N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm²	Average: 55 N/mm²		EN ISO 10545-4
11. Breaking strength Forța de rupere, N	≥ 700N	≥ 700N	≥ 700N	Average: 1187 N		EN ISO 10545-4
12.Determination of deep abrasion for unglazed tiles Rezistența la abraziune	declared by producer	declared by producer	≤ 175 mm³	143 mm³		EN ISO 10545-6
13.Resistance for household chemicals and swimming pool salts/Rezistența la soluțiile de uz casnic si saruriel de piscina	Min class B	Min class B	Min class B	UA		EN ISO 10545-13
14.Resistance to the low concentration acids and alkalis/Rezistența	Declared value	Declared value	Declared value	ULA		EN ISO 10545-13

la acizi si baze de concentratie slaba					
15. Resistance to the high concentration acids and alkalis/ Rezistenta la acizi si baze de concentratie mare	Declared value	Declared value	Declared value	UHA	EN ISO 10545-13
16. Stain resistance Rezistenta la patare	Min class 3	Min class 3	Min class 5	class 5	EN ISO 10545-14
17. 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
18. Slipperiness Rezistenta la lunecare	Declared value	Declared value	Declared value	PTV 36+ Dry PTV 36+ Wet	BS 7976
19. Slipperiness Rezistenta la lunecare	Declared value	Declared value	Declared value	R9	DIN 51130
20. MOHS Rezistenta la zgariere	Declared value	Declared value	Declared value	9	EN 101:1991

Date: 03.04.2024

