



**Technical Characteristic KAI/KOS
FISA TEHNICA**

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16.07.05(7/0)

**Model "GRES SP" structured
Internal code: 6454;6455
Type Porcelain Tiles UGL
Group BIa, Nominal size 333x333x8.0mm**

Characteristics/Caracteristici Group BIa, Annex G	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	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	±0.40	8.0±0.40mm	7.7 – 8.0 mm		EN ISO 10545-2
3. Surface quality Calitatea suprafetei	≥95% without defects	≥95% without defects	≥98% without defects	Pass		EN ISO 10545-2
4.Water absorption Absorbția de apă, %	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	≤0,5%	0.07 – 0.14 %		EN ISO 10545-3
5.Modulus of rupture rezistența mecanică, N/mm ²	≥35N/mm ² individual≥32N/mm ²	≥35N/mm ² individual≥32N/mm ²	≥35N/mm ²	Average: 58 N/mm ²		EN ISO 10545-4
6. Breaking strength Forța de rupere, N	≥ 1300N	≥ 1300N	≥ 1300N	Average:1362 N		EN ISO 10545-4
7.Determination of deep abrasion for unglazed tiles Rezistența la abraziune	declared by producer	declared by producer	≤ 175 mm ³	90 mm ³		EN ISO 10545-6
8.Resistance for household chemicals and swimming pool salts/Rezistența la soluțiile de uz casnic și sărurile de piscină	Min class B	Min class B	Min class B	UA		EN ISO 10545-13
9.Resistance to the low concentration acids and alkalis/Rezistența la acizi și baze de concentrație slabă	Declared value	Declared value	Declared value	ULA		EN ISO 10545-13
10 Resistance to the high concentration acids and alkalis/ Rezistența la acizi și baze de concentrație mare	Declared value	Declared value	Declared value	UHA		EN ISO 10545-13
11.Stain resistance Rezistența la patare	Min class 3	Min class 3	Min class 5	class 5		EN ISO 10545-14

12. 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
13. Slipperiness Rezistentă la alunecare	Declared value	Declared value	Declared value	PTV 36+ Dry PTV 36+ Wet	BS 7976
14. Slipperiness Rezistentă la alunecare	Declared value	Declared value	Declared value	R11	DIN 51130
15. MOHS Rezistentă la zgariere	Declared value	Declared value	Declared value	8	EN 101:1991

Date: 18.05.2023

