



**Technical Characteristic KAI/KOS
FISA TEHNICA**

ODU
16.07.05(7/0)

**Model „Gres SP“
Internal code: 6421;6422;6423
Type Porcelain Tiles UGL
Group Bla, Nominal size 333x333x7 mm**

Group B1a, Nominal size 333x333x7 mm						
Characteristics/Caracteristici Group Bla, Annex G	Tolerance EN 14411:2016, %	Tolerance EN14411:2016, mm	Request values/Valori conform standard	Measured in KAI laboratory/Masurato ri 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±0.35mm	6.8 – 7.0 mm		EN ISO 10545-2
3. Straightness of sides Liniaritatea muchiei,mm	±0.5/max±1.5mm	±1.50	±1.30 mm	-0.12 – +0.35 mm		EN ISO 10545-2
4. Rectangularity Rectangularitate, mm	±0.5/max±2mm	±1.67	±1.40 mm	-0.45 – +0.55 mm		EN ISO 10545-2
5. Centre curvature Curbura centrala, mm	±0.5/max±2mm	±2.00	±1.50 mm	-0.14 – +0.27 mm		EN ISO 10545-2
6. Edge curvature Curbura laterala, mm	±0.5/max±2mm	±1.67	±1.40 mm	-0.13 – +0.20 mm		EN ISO 10545-2
7. Warpage Deformarea, mm	±0.5/max±2mm	±2.00	±1.50 mm	-0.24 – +0.44 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 Absorbtia de apa, %	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	≤0,5%	0.13 – 0.24 %		EN ISO 10545-3
10.Modulus of rupture rezistenta mecanica, N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm²	Average: 59 N/mm²		EN ISO 10545-4
11. Breaking strength Fora de rupere, N	≥ 700N	≥ 700N	≥ 700N	Average:1315 N		EN ISO 10545-4
12.Determination of deep abrasion for unglazed tiles Rezistenta 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/Rezistenta la solutiile 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/Rezistenta	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 25-35 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	8	EN 101:1991

Date: 05.04.2023

QC:

