



**Technical Characteristic KAI/KOS
FISA TEHNICA**

ODU
16.07.05(7/0)

**Model Moringa
Internal code: 8980
Type Porcelain Tiles GL
Group BIa, Nominal size 155x605x9mm**

Group BIa, Nominal size 155x605x9mm						
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	±0.93/±2.0	155x605	1K	152.6x602.6	EN ISO 10545-2
				2K	153.8x603.8	
				3K	155.0x605.0	
				4K	156.2x606.2	
				5K	157.4x607.4	
2.Thickness Grosimea, mm	±5/max±0.5mm	±0.45	9.0±0.30mm	8.8 – 9.1 mm		EN ISO 10545-2
3. Straightness of sides Liniaritatea muchiei,mm	±0.5/max±1.5mm	±0.78/±1.50	±0.50/±1.40	-0.36 - +0.51		EN ISO 10545-2
4. Rectangularity Rectangularitate, mm	±0.5/max±2mm	±0.78/±2.00	±0.65/±1.80	-0.43 - +0.71		EN ISO 10545-2
5. Centre curvature Curbura centrala, mm	±0.5/max±2mm	±2.0	±1.20	-0.07 – +0.63		EN ISO 10545-2
6. Edge curvature Curbura laterala, mm	±0.5/max±2mm	±0.78/±2.00	±0.50/±1.40	-0.41 - +0.74		EN ISO 10545-2
7. Warpage Deformarea, mm	±0.5/max±2mm	±2.00	±1.20	-0.33 – +0.41 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%	0.05 – 0.19 %		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: 64 N/mm²		EN ISO 10545-4
11. Breaking strength Fora de rupere, N	≥1300	≥1300	≥ 1300N	Average: 2673 N		EN ISO 10545-4
12.Determination of surface abrasion for glazed tiles/Rezistenta la abraziune	the class of abrasive resistance and the number of cycles are declared by producer	the class of abrasive resistance and the number of cycles are declared by producer	Declared value	2/ 600		EN ISO 10545-7
13.Crazing resistance, glazed tiles/Resitenta la crapaturi pentru placi glazurate	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant		EN ISO 10545-11
14.Resistance for household chemicals and swimming pool salts Rezistenta la solutiile de uz casnic si saruriile de	Min class B	Min class B	Min class B	GA		EN ISO 10545-13

piscina					
15. Resistance to the low concentration acids and alkalis Rezistentă la acizi și baze de concentrație slabă	Declared value	Declared value	Declared value	GLA	EN ISO 10545-13
16. Resistance to the high concentration acids and alkalis Rezistentă la acizi și baze de concentrație mare	Declared value	Declared value	Declared value	GHA	EN ISO 10545-13
17. Stain resistance Rezistentă la patare	Min class 3	Min class 3	Min class 5	class 5	EN ISO 10545-14
18. 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
19. Slipperiness Rezistentă la alunecare	Declared value	Declared value	Declared value	PTV 36+ Dry PTV 25-35 Wet	CEN/TS 16165
20. MOHS Rezistentă la zgariere	Declared value	Declared value	Declared value	9	EN 101:1991

Date: 13.08.2019

QC:

