



**Technical Characteristic KAI/KOS
FISA TEHNICA**

ODU
16.07.05(7/0)

**Model Trentino K
Internal code: 9827;9828; 9858; 9859
Type Porcelain Tiles GL
Group BIa, Nominal size 600x600 mm**

Group B1a, Nominal size 600x600 mm															
Characteristics/Caracteristici Group B1a, 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	600 x 600	<table><tr><td>1K</td><td>597.6x597.6</td></tr><tr><td>2K</td><td>598.8x598.8</td></tr><tr><td>3K</td><td>600.0x600.0</td></tr><tr><td>4K</td><td>601.2x601.2</td></tr><tr><td>5K</td><td>602.4x602.4</td></tr></table>	1K	597.6x597.6	2K	598.8x598.8	3K	600.0x600.0	4K	601.2x601.2	5K	602.4x602.4	EN ISO 10545-2
1K	597.6x597.6														
2K	598.8x598.8														
3K	600.0x600.0														
4K	601.2x601.2														
5K	602.4x602.4														
2.Thickness/Grosimea, mm	±5/max±0.5mm	±0.50	9.0 ± 0.45 mm	8.8 - 9.1 mm	EN ISO 10545-2										
3. Straightness of sides/Liniaritatea muchiei,mm	±0.5/max±1.5mm	±1.50	±1.20 mm	-0.14 – +0.54 mm	EN ISO 10545-2										
4.Rectangularity/Rectangularitate, mm	±0.5/max±2mm	±2.00	±1.10 mm	-0.52 – +0.53 mm	EN ISO 10545-2										
5. Centre curvature/Curbura centrala, mm	±0.5/max±2mm	±2.00	±1.50 mm	+0.08 – +0.35 mm	EN ISO 10545-2										
6. Edge curvature/Curbura laterala, mm	±0.5/max±2mm	±2.00	±1.20 mm	-0.27 – +0.49 mm	EN ISO 10545-2										
7.Warpage/Deformarea mm	±0.5/max±2mm	±2.00	±1.50 mm	-0.21 – +0.73 mm	EN ISO 10545-2										
8. Surface quality/Calitatea suprafeței	≥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%	0.12 – 0.15 %	EN ISO 10545-3										
10.Modulus of rupture /rezistența mecanică, N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm² individual≥32N/mm²	≥35N/mm²	Average: 61 N/mm²	EN ISO 10545-4										
11. Breaking strength/Forța de rupere, N	≥1300	≥1300	≥1300	Average: 2472 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	the class of abrasive resistance and the number of cycles are declared by producer	Declared value	9827 – 4/12000 9828 – 4/6000 9858 – 3/1500 9859 – 4/12000	EN ISO 10545-7										
13.Crazing resistance, glazed tiles/Resistența la crapături pentru plăci 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	Min class B	Min class B	Min class B	GA	EN ISO 10545-13										

salts/Rezistentă la soluțiile de uz casnic și sărurile de piscină					
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 36+ Wet	BS 7976
20. MOHS/Rezistentă la zgăriere	Declared value	Declared value	Declared value	9	EN 101:1991

Date: 16.02.2022

QC:





Technical Characteristic KAI/KOS
FISA TEHNICA

ODU 16.07.05(7/0)

Model Trentino K
Internal code: 9632;9633;9634;9635
Type Porcelain Tiles GL
Group Bla, Nominal size 300x600x8mm

Group Bla, Nominal size 500x600x6mm															
Characteristics/Caracteristici Group Bla, 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	±1.80/±2.00	300 x 600	<table><tr><td>1K</td><td>297,6x597,6</td></tr><tr><td>2K</td><td>298,8x598,6</td></tr><tr><td>3K</td><td>300,0x600,0</td></tr><tr><td>4K</td><td>301,2x601,2</td></tr><tr><td>5K</td><td>302,4x602,4</td></tr></table>	1K	297,6x597,6	2K	298,8x598,6	3K	300,0x600,0	4K	301,2x601,2	5K	302,4x602,4	EN ISO 10545-2
1K	297,6x597,6														
2K	298,8x598,6														
3K	300,0x600,0														
4K	301,2x601,2														
5K	302,4x602,4														
2.Thickness Grosimea, mm	±5/max±0.5mm	±0.40	±0.40 mm	8.1 – 8.3 mm	EN ISO 10545-2										
3. Straightness of sides Liniaritatea muchiei,mm	±0.5/max±1.5mm	±1.50/±1.50	±1.40/±1.40	-0.13- +0.62 mm	EN ISO 10545-2										
4. Rectangularity Rectangularitate, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	-0.11 - +0.53 mm	EN ISO 10545-2										
5. Centre curvature Curbura centrala, mm	±0.5/max±2mm	±2.0	±1.50	+0.26 – +0.93mm	EN ISO 10545-2										
6. Edge curvature Curbura laterala, mm	±0.5/max±2mm	±1.50/±2.00	±1.40/±1.80	-0.17 - +0.82 mm	EN ISO 10545-2										
7. Warpage Deformarea, mm	±0.5/max±2mm	±2.00	±1.50	-0.14– +0.75 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%	0.11 – 0.36 %	EN ISO 10545-3										
10.Modulus of rupture Rezistența mecanică, 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	≥1300N	≥ 1300N	≥ 1300N	Average: 2056 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	the class of abrasive resistance and the number of cycles are declared by producer	Declared value	9632 – 3/ 1500 9633 – 4/12000 9634 – 4/12000 9635 – 4/6000	EN ISO 10545-7										
13.Crazing resistance, glazed tiles/Resistența la crapături pentru plăci 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 saruriel de piscina	Min class B	Min class B	Min class B	GA	EN ISO 10545-13
15. Resistance to the low concentration acids and alkalis/Rezistenta la acizi si baze de concentratie slaba	Declared value	Declared value	Declared value	GLA	EN ISO 10545-13
16. Resistance to the high concentration acids and alkalis/ Rezistenta la acizi si baze de concentratie mare	Declared value	Declared value	Declared value	GHA	EN ISO 10545-13
17. Stain resistance Rezistenta la patare	Min class 3	Min class 3	Min class 3	class 5	EN ISO 10545-14
18. 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
19. Slipperiness Rezistenta la alunecare	Declared value	Declared value	Declared value	PTV 36+ Dry PTV 36+ Wet	BS 7976
20. MOHS Rezistenta la zgariere	Declared value	Declared value	Declared value	9	EN 101:1991

Date: 16.02.2022

