



**Technical Characteristic KAI/KOS
FISA TEHNICA**

ODU
16.07.05(9/0)

**Model: "Tirol" gr
Internal code: 9928KY
Type: Rectified Porcelain Tiles GL
Group BIa, Nominal size 600 x1200 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 |
|---|---|--|--|-------------------------------|--|-----------------|
| | | | Caliber | Size | | |
| 1. Work size, mm (Length/width/Lungime /Latime) | ±0.6/max±2mm | ±2.00 | 8 | 598 x 1198 | | EN ISO 10545-2 |
| 2. Thickness/Grosimea, mm | ±5/max±0.5mm | ±0.45 | 8.5 ±0.4mm | 8.4 – 8.6 mm | | EN ISO 10545-2 |
| 3. Straightness of sides/ Liniaritatea muchiei,mm | ±0.5/max±1.5mm | ±1.50 | ±1.40 mm | -0.21 - +0.44mm | | EN ISO 10545-2 |
| 4. Rectangularity/ Rectangularitate, mm | ±0.5/max±2mm | ±2.00 | ±1.80 mm | -0.54 - +0.53mm | | EN ISO 10545-2 |
| 5. Centre curvature/ Curbura centrala, mm | ±0.5/max±2mm | ±2.00 | CC – 0.6 mm; CV + 1.5 mm | – 0.15 - 1.00mm | | EN ISO 10545-2 |
| 6. Edge curvature/ Curbura laterala, mm | ±0.5/max±2mm | ±2.00 | CC – 0.6 mm; CV + 1.5 mm | -0.15 - +0.68mm | | EN ISO 10545-2 |
| 7. Warpage/ Deformarea, mm | ±0.5/max±2mm | ±2.00 | CC – 0.6 mm; CV + 1.5 mm | -0.57 - +0.91mm | | EN ISO 10545-2 |
| 8. Surface quality/ Calitatea suprafetei | ≥95% without defects/ / без дефекти | ≥95% without defects/ / без дефекти | 95% without defects/ без дефекти | Pass/ Издържа | | EN ISO 10545-2 |
| 9. Water absorption/ Absorbția de apa, % | ≤0,5% Individual ≤0,6%/ | ≤0,5% Individual ≤0,6% / | ≤0,5% Individual ≤0,6% / | 0.03 – 0.18% | | EN ISO 10545-3 |
| 10. 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: 64 N/mm ² | | EN ISO 10545-4 |
| 11. Breaking strength/ Forța de rupere, N | ≥1300 | ≥1300 | ≥1300 | Average: 2231N | | 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 pro | Declared value | 4/6000 | | EN ISO 10545-7 |
| 13. Crazeing resistance, glazed tiles/Resistența la crapături pentru plăci glazurate | Pass according to EN ISO 10545-1 | Pass according to EN ISO 10 | Pass according to EN ISO 10 | 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 25-35 Wet | BS 7976 |
| 20. MOHS/Rezistenta la zgariere | Declared value | Declared value | Declared value | 9 | EN 101:1991 |
| 21. Slipperiness | Declared value | Declared value | Declared value | N.C | DIN 51130 |

Date: 12.01.2024

QC:

