



**Technical Characteristic KAI/KOS
FISA TEHNICA**

ODU
16.07.05(7/0)

**Model "Mykonos"
Internal code: 9550
Type Porcelain Tiles GL
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 border="1"> <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 | 8.5 ± 0.42 mm | 8.3 – 8.6 mm | EN ISO 10545-2 | | | | | | | | | | |
| 3. Straightness of sides/Liniaritatea muchiei, mm | ±0.5/max±1.5mm | ±1.50 | ±1.20 mm | -0.33 – +0.35 mm | EN ISO 10545-2 | | | | | | | | | | |
| 4.Rectangularity/Rectangularitate, mm | ±0.5/max±2mm | ±2.00 | ±1.10 mm | -0.41 – +0.78 mm | EN ISO 10545-2 | | | | | | | | | | |
| 5. Centre curvature/Curbura centrala, mm | ±0.5/max±2mm | ±2.00 | ±1.50 mm | -0.54 – +0.58 mm | EN ISO 10545-2 | | | | | | | | | | |
| 6. Edge curvature /Curbura laterala, mm | ±0.5/max±2mm | ±2.00 | ±1.20 mm | -0.37 – +0.53 mm | EN ISO 10545-2 | | | | | | | | | | |
| 7.Warpage/Deformarea, mm | ±0.5/max±2mm | ±2.00 | ±1.50 mm | -0.59 – +0.96 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% | 0.09 – 0.33 % | 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: 62 N/mm ² | EN ISO 10545-4 | | | | | | | | | | |
| 11. Breaking strength /Forța de rupere, N | ≥1300 | ≥1300 | ≥1300 | Average: 2517 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 | 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 | | | | | | | | | | |

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|--|----------------------------------|----------------------------------|----------------------------------|-----------------------------|-----------------|
| 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 5 | 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 0-24 Wet | BS 7976 |
| 20. MOHS/Rezistent a la zgariere | Declared value | Declared value | Declared value | 8 | EN 101:1991 |
| 21. Slipperiness/Rezistenta la alunecare | Declared value | Declared value | Declared value | N.C. | DIN 51130 |

Date: 10.05.2023

