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|  | Technical Characteristic KAI/KOS FISA TEHNICA | ODU 16.07.05(7/0) |
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Model: SPIRIT GREY K4WM
Type Porcelain Tiles GL
Group Bla

| Characteristics/Caracteristici Group Bla, Annex G | Tolerance EN 14411:2016, % | Request values/ Valori conform standard | Testing method/Metoda de lucru |
|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------|---------------------------------------|
| 1.Length/width/Lungime/Latime, mm | ±0.6/max±2mm | 598 x 598 | EN ISO 10545-2 |
| 2.Thickness/Grosimea, mm | ±5/max±0.5mm | In accordance with EN 14411:2016 Annex G | EN ISO 10545-2 |
| 3. Straightness of sides/Liniaritatea muchiei,mm | ±0.5/max±1.5mm | In accordance with EN 14411:2016 Annex G | EN ISO 10545-2 |
| 4.Rectangularity/Rectangularitate, mm | ±0.5/max±2mm | In accordance with EN 14411:2016 Annex G | EN ISO 10545-2 |
| 5. Centre curvature/Curbura centrala, mm | ±0.5/max±2mm | In accordance with EN 14411:2016 Annex G | EN ISO 10545-2 |
| 6. Edge curvature/Curbura laterala, mm | ±0.5/max±2mm | In accordance with EN 14411:2016 Annex G | EN ISO 10545-2 |
| 7. Warpage/Deformarea, mm | ±0.5/max±2mm | In accordance with EN 14411:2016 Annex G | EN ISO 10545-2 |
| 8. Surface quality/ Calitatea suprafetei | ≥95% without defects | In accordance with EN 14411:2016 Annex G | EN ISO 10545-2 |
| 9. Water absorption/ Absorbția de apă, % | ≤0,5% Individual ≤0,6% | ≤0,05% | EN ISO 10545-3 |
| 10.Modulus of rupture /rezistența mecanică, N/mm ² | ≥35N/mm ² individual≥32N/mm ² | > 60 N/mm ² | EN ISO 10545-4 |
| 11. Breaking strength/ Forta de rupere, N | ≥1300 | > 15 000 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 | Declared value | EN ISO 10545-7 |
| 13.Crazing resistance, glazed tiles/Resistența la crapături pentru plăci glazurate | Pass according to EN ISO 10545-1 | Resistant | EN ISO 10545-11 |
| 14.Resistance for household chemicals and swimming pool salts/Rezistența la soluțiile de uz casnic și sărurile de piscină | Min class B | GA | EN ISO 10545-13 |
| 15.Resistance to the low concentration acids and | Declared value | GLA | EN ISO 10545-13 |

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| alkalis/Rezistentă la acizi și baze de concentrație slabă | | | |
| 16. Resistance to the high concentration acids and alkalis/ Rezistentă la acizi și baze de concentrație mare | Declared value | GHA | EN ISO 10545-13 |
| 17. Stain resistance /Rezistentă la patare | Min class 3 | class 5 | EN ISO 10545-14 |
| 18. Frost resistance /Rezistentă la îngheț | Pass according to EN ISO 10545-1 | Resistant | EN ISO 10545-12 |
| 19. Slipperiness/ Rezistentă la alunecare | Declared value | PTV 36+Dry PTV 36+Wet | CEN/TS 16165 |
| 20. MOHS/ Rezistentă la zgăriere | Declared value | 9 | EN 101:1991 |

Date: 21.03.2024

QC: 