



**Technical Characteristic KAI/KOS  
FISA TEHNICA**

ODU  
16.07.05(7/0)

**Model "Pine"**

**Internal code: 6067;6068;6069;6063;6064;6065**

**Type Porcelain Tiles GL,**

**Group Ia, Nominal size 204x1204x10 mm**

| Characteristics/Caracteristici<br>Group Ia, 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<br>Lungime/Latime, mm  | ±0.6/max±2mm   | ±1.20/±2.00  | 204x1204                               | <table border="1"> <tr><td>1K</td><td>203.0x1201.0</td></tr> <tr><td>2K</td><td>203.5x1202.5</td></tr> <tr><td>3K</td><td>204.0x1204.0</td></tr> <tr><td>4K</td><td>204.5x1205.5</td></tr> <tr><td>5K</td><td>205.0x1207.0</td></tr> </table> | 1K                             | 203.0x1201.0 | 2K | 203.5x1202.5 | 3K | 204.0x1204.0 | 4K | 204.5x1205.5 | 5K | 205.0x1207.0 | EN ISO 10545-2 |
| 1K   | 203.0x1201.0   |  |  |   |                                |              |    |              |    |              |    |              |    |              |                |
| 2K   | 203.5x1202.5   |  |  |   |                                |              |    |              |    |              |    |              |    |              |                |
| 3K   | 204.0x1204.0   |  |  |   |                                |              |    |              |    |              |    |              |    |              |                |
| 4K   | 204.5x1205.5   |  |  |   |                                |              |    |              |    |              |    |              |    |              |                |
| 5K   | 205.0x1207.0   |  |  |   |                                |              |    |              |    |              |    |              |    |              |                |
| 2. Thickness<br>Grosimea, mm   | ±5/max±0.5mm   | ±0.50  | ±0.50 mm                               | 9.7 – 9.8 mm  | EN ISO 10545-2                 |              |    |              |    |              |    |              |    |              |                |
| 3. Straightness of sides<br>Liniaritatea muchiei, mm   | ±0.5/max±1.5mm   | ±1.00/±1.50  | ±1.00/±1.50                            | -0.25 – +0.21 mm  | EN ISO 10545-2                 |              |    |              |    |              |    |              |    |              |                |
| 4. Centre curvature<br>Curbura centrala, mm  | ±0.5/max±2mm   | ±2.00  | ±2.00                                  | +0.36 – +0.93 mm  | EN ISO 10545-2                 |              |    |              |    |              |    |              |    |              |                |
| 5. Edge curvature<br>Curbura laterala, mm  | ±0.5/max±2mm   | ±1.00/±2.00  | ±1.00/±2.00                            | +0.64 – +1.37 mm  | EN ISO 10545-2                 |              |    |              |    |              |    |              |    |              |                |
| 6. Surface quality<br>Calitatea suprafetei   | ≥95% without defects   | ≥95% without defects   | ≥98% without defects                   | Pass  | EN ISO 10545-2                 |              |    |              |    |              |    |              |    |              |                |
| 7. Water absorption<br>Absorbtia de apa, %   | ≤0,5%<br>Individual ≤0,6%  | ≤0,50%<br>Individual ≤0,60%  | ≤0,50%                                 | 0.03 – 0.12%  | EN ISO 10545-3                 |              |    |              |    |              |    |              |    |              |                |
| 8. Modulus of rupture<br>Rezistenta mecanica, N/mm <sup>2</sup>  | ≥35N/mm <sup>2</sup><br>individual≥32N/mm <sup>2</sup>                             | ≥35N/mm <sup>2</sup><br>individual≥32N/mm <sup>2</sup>                             | ≥35N/mm <sup>2</sup>                   | Average: 58 N/mm <sup>2</sup>   | EN ISO 10545-4                 |              |    |              |    |              |    |              |    |              |                |
| 9. Breaking strength<br>Fora de rupere, N  | ≥ 1300N  | ≥ 1300N  | ≥ 1300N                                | Average: 3247 N   | EN ISO 10545-4                 |              |    |              |    |              |    |              |    |              |                |
| 10. 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                         | 6067 – 3/ 750<br>6068 – 3/ 750<br>6069 – 3/ 750<br>6063 – 3/ 750<br>6064 – 3/ 750<br>6065 – 3/ 750  | EN ISO 10545-7                 |              |    |              |    |              |    |              |    |              |                |
| 11. Craziing 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                |              |    |              |    |              |    |              |    |              |                |
| 12. Resistance for household chemicals and swimming pool salts/Rezistenta la solutiile de uz casnic si sarurile de piscina | Min class B  | Min class B  | Min class B                            | GA  | EN ISO 10545-13                |              |    |              |    |              |    |              |    |              |                |
| 13. Resistance to the low concentration acids  | Declared value   | Declared value   | Declared value                         | GLA   | EN ISO 10545-13                |              |    |              |    |              |    |              |    |              |                |

|   |                                  |                                  |                                  |                            |                 |
|---|----------------------------------|----------------------------------|----------------------------------|----------------------------|-----------------|
| and alkalis/Rezistentă la acizi și baze de concentrație slabă   |                                  |                                  |                                  |                            |                 |
| 14. Resistance to the high concentration acids and alkalis/<br>Rezistentă la acizi și baze de concentrație mare | Declared value                   | Declared value                   | Declared value                   | GHA                        | EN ISO 10545-13 |
| 15. Stain resistance<br>Rezistentă la patare  | Declared value                   | Declared value                   | Min class 3                      | class 5                    | EN ISO 10545-14 |
| 16. Frost resistance<br>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 |
| 17. Slipperiness<br>Rezistentă la alunecare   | Declared value                   | Declared value                   | Declared value                   | PTV 36+ Dry<br>PTV 36+ Wet | BS 7976         |
| 18. MOHS<br>Rezistentă la zgărieră  | Declared value                   | Declared value                   | Declared value                   | 9                          | EN 101:1991     |

Date: 23.09.2021

QC: ...

