



Technical Characteristic KAI/KOS  
FISA TEHNICA

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16.07.05(7/0)

Model Atelier, Internal code: 9465; 9467; 9469, Type Porcelain Tiles GL,  
Group Bla, Nominal size 450x450x8.0 mm

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	±2.00	450x450mm	<table border="1"> <tr><td>1K</td><td>447.6x447.6</td></tr> <tr><td>2K</td><td>448.8x448.8</td></tr> <tr><td>3K</td><td>450.0x450.0</td></tr> <tr><td>4K</td><td>451.2x451.2</td></tr> <tr><td>5K</td><td>452.4x452.4</td></tr> </table>	1K	447.6x447.6	2K	448.8x448.8	3K	450.0x450.0	4K	451.2x451.2	5K	452.4x452.4	EN ISO 10545-2
1K	447.6x447.6														
2K	448.8x448.8														
3K	450.0x450.0														
4K	451.2x451.2														
5K	452.4x452.4														
2.Thickness/Grosimea, mm	±5/max±0.5mm	±0.45	8.0±0.45 mm	7.8 ÷ 8.0 mm	EN ISO 10545-2										
3. Straightness of sides/Liniaritatea muchiei,mm	±0.5/max±1.5mm	±1.50	±1.30mm	-0.06 ÷ +0.32 mm	EN ISO 10545-2										
4.Rectangularity/Rectangularitate, mm	±0.5/max±2mm	±2.00	±1.75mm	-0.33 ÷ +0.42mm	EN ISO 10545-2										
5. Centre curvature/Curbura centrala, mm	±0.5/max±2mm	±2.00	CC - 1.65mm; CV + 1.65mm	-0.96 ÷ -0.06 mm	EN ISO 10545-2										
6. Edge curvature/Curbura laterala, mm	±0.5/max±2mm	±2.00	CC -1.75mm; CV +1.75mm	-0.39 ÷ +0.39mm	EN ISO 10545-2										
7.Warpage/Deformarea, mm	±0.5/max±2mm	±2.00	CC -1.50mm; CV +1.50mm	-0.70 ÷ +0.59mm	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/Absorbtia de apa, %	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	≤0,5%	0.18%	EN ISO 10545-3										
10.Modulus of rupture/rezistenta mecanica, thickness≥7.5mm, N/mm <sup>2</sup>	≥35N/mm <sup>2</sup> individual≥32N/mm <sup>2</sup>	≥35N/mm <sup>2</sup> individual≥32N/mm <sup>2</sup>	≥35N/mm <sup>2</sup>	Average: 61.1N/mm <sup>2</sup>	EN ISO 10545-4										
11. Breaking strength, thickness≥7.5mm, N /Forta de rupere, N	≥ 1300N	≥ 1300N	≥ 1300N	Average: 1 955N	EN ISO 10545-4										