

Model Rio, Internal code: 8649 and 8651, Type Porcelain Tiles GL,
Group Bla, Nominal size 450x450x9.0 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										
Length/width/Lungime/Latime, m	±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														
Thickness/Grosimea, mm	±5/max±0.5mm	±0.45	9.0±0.45 mm	8.7 + 8.4 mm	EN ISO 10545-2										
Straightness of des/Liniaritatea muchiei, mm	±0.5/max±1.5mm	±1.50	±1.30mm	-0.36 + +0.51 mm	EN ISO 10545-2										
Rectangularity/Rectangularitat , mm	±0.5/max±2mm	±2.00	±1.75mm	-0.49 + +0.72mm	EN ISO 10545-2										
Centre curvature/Curbura entrala, mm	±0.5/max±2mm	±2.00	CC - 1.65mm; CV + 1.65mm	-1.01+ +0.68mm	EN ISO 10545-2										
Edge curvature/Curbura aterală, mm	±0.5/max±2mm	±2.00	CC -1.75mm; CV +1.75mm	-1.12 + +0.83mm	EN ISO 10545-2										
Warpage/Deformarea, mm	±0.5/max±2mm	±2.00	CC -1.50mm; CV +1.50mm	-1.02 + +0.68mm	EN ISO 10545-2										
Surface quality/Calitatea suprafetei	≥95% without defects	≥95% without defects	≥98% without defects	Pass	EN ISO 10545-2										
Water absorption/Absorbtia de apa, %	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	≤0,5%	0.30%	EN ISO 10545-3										
Modulus of rupture/rezistența mecanică, thickness≥7.5mm, N/mm ²	≥35N/mm ² individual≥32N/mm ²	≥35N/mm ² individual≥32N/mm ²	≥35N/mm ²	Average: 56.1N/mm ²	EN ISO 10545-4										
Breaking strength, thickness≥7.5mm, N /Forta de rupere, N	≥ 1300N	≥ 1300N	≥ 1300N	Average: 1 672N	EN ISO 10545-4										
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	deep relief not tested	EN ISO 10545-7										
Crazing resistance, glazed tiles/Rezistența la crapături 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										
Resistance for household chemicals and swimming pool salts/Rezistența la soluțiile de uz casnic și saruri de piscină	Min class B	Min class B	Min class B	GA	EN ISO 10545-13										
Resistance to the low concentration acids and alkalis/Rezistența la acizi și baze de concentrație slabă	Declared value	Declared value	Declared value	GLA	EN ISO 10545-13										
Resistance to the high concentration acids and alkalis/ Rezistența la acizi și baze de concentrație mare	Declared value	Declared value	Declared value	GHA	EN ISO 10545-13										
Stain resistance/Rezistența la patare	Declared value	Declared value	Min class 3	class 5	EN ISO 10545-14										
Frost resistance/Rezistența 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										
Slipperiness/Rezistența la alunecare	Declared value	Declared value	Declared value	PTV 36+Dry PTV 36+Wet	CEN/TS 16165										
MOHS/Rezistența la zgariere	Declared value	Declared value	Declared value	9	EN 101:1991										

Date: 06.03.2020

QC: ...
/D. Stăneva