

**Model "Naturalis R10"
Internal code: 2051KA
Type Porcelain Tiles GL
Group BIa, Nominal size 800x800x8.5 mm**

Characteristics/ Caracteristici Group BIa, 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	<table><tr><th>Caliber</th><th>Size</th></tr><tr><td>8</td><td>798 x 798</td></tr></table>	Caliber	Size	8	798 x 798		EN ISO 10545-2
Caliber	Size								
8	798 x 798								
2.Thickness/ Grosimea, mm	±5/max±0.5mm	±0.45	8.5 ±0.4mm	In accordance with EN 14411:2016 Annex G	EN ISO 10545-2				
3. Straightness of sides/ Liniaritatea muchiei,mm	±0.5/max±1.5mm	±1.50	±1.40 mm	In accordance with; EN 14411:2016 Annex G	EN ISO 10545-2				
4. Rectangularity/ Rectangularitate, mm	±0.5/max±2mm	±2.00	±1.80 mm	In accordance with; EN 14411:2016 Annex G	EN ISO 10545-2				
5. Centre curvature/ Curbura centrala, mm	±0.5/max±2mm	±2.00	CC – 0.6 mm; CV + 1.5 mm	In accordance with; EN 14411:2016 Annex G	EN ISO 10545-2				
6. Edge curvature/ Curbura laterala, mm	±0.5/max±2mm	±2.00	CC – 0.6 mm; CV + 1.5 mm	In accordance with; EN 14411:2016 Annex G	EN ISO 10545-2				
7. Warpage/Deformarea , mm	±0.5/max±2mm	±2.00	CC – 0.6 mm; CV + 1.5 mm	In accordance with; EN 14411:2016 Annex G	EN ISO 10545-2				
8. Surface quality/ Calitatea suprafetei	≥95% without defects/	≥95% without defects	95% 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% Individual ≤0,6% /	0.0 – 0.11 %	EN ISO 10545-3				
10.Modulus of rupture/ rezistența mecanică, N/mm²	≥35N/mm² individual≥32N/mm²/	≥35N/mm² individual≥32N/mm²/	≥35N/mm²	Average: 62N/mm²	EN ISO 10545-4				
11. Breaking strength/ Forta de rupere, N	≥1300	≥1300	≥1300	Average: 2015 N	EN ISO 10545-4				
12.Determination of surface abrasion for glazed tiles/	the class of abrasive resistance and the number of cycles are	the class of abrasive resistance and the number of cycles are	Declared value	4/12000	EN ISO 10545-7				

11. Breaking strength/ Forta de rupere, N	≥1300	≥1300	≥1300	Average: 2015 N	EN ISO 10545-4
12.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	4/12000	EN ISO 10545-7
13.Crazing 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 1545-1	Resistant	EN ISO 10545-11
14.Resistance for household chemicals and swimming pool salts// Rezistenta la solutiile de uz casnic si saruri de piscina	Min class B	Min class B	Min class B	A	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	LA	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	HA	EN ISO 10545-13
17.Stain resistance/ Rezistenta la patare	Min class 3	Min class 3	Min class 3	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 36+ Wet	BS 7976
20. MOHS / Rezistenta la zgariere	Declared value	Declared value	Declared value	9	EN 101:1991
21. Slipperiness / Rezistenta la alunecare	Declared value	Declared value	Declared value	R10	DIN 51130

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