



**Technical Characteristic KAI/KOS  
FISA TEHNICA**

ODU  
16.07.05(7/0)

**Model: "CORTINA Grey"**

**Internal code: 9936 KY**

**Type: Rectified Porcelain Tiles GL**

**Group BIa, Nominal size 600 x1200 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 /
			Caliber	Size		
1. Work size, mm (Length/width/Lungime /Latime)	±0.6/max±2mm	±2.00	8	598 x 1198		EN ISO 10545-2
2. Thickness/Grosimea, mm	±5/max±0.5mm	±0.45	8.5 ±0.4mm	8.3 – 8.6 mm		EN ISO 10545-2
3. Straightness of sides /Liniaritatea muchiei, mm	±0.5/max±1.5mm	±1.50	±1.40 mm	-0.18 - +0.34mm		EN ISO 10545-2
4. Rectangularity/ Rectangularitate, mm	±0.5/max±2mm	±2.00	±1.80 mm	-0.53 - +0.71mm		EN ISO 10545-2
5. Centre curvature/ Curbura centrala, mm	±0.5/max±2mm	±2.00	CC – 0.6 mm; CV + 1.5 mm	- 0.27 - 0.73 mm		EN ISO 10545-2
6. Edge curvature/ Curbura laterala, mm	±0.5/max±2mm	±2.00	CC – 0.6 mm; CV + 1.5 mm	-0.10 - +0.50mm		EN ISO 10545-2
7. Warpage /Deformarea, mm	±0.5/max±2mm	±2.00	CC – 0.6 mm; CV + 1.5 mm	-0.29 - +0.60mm		EN ISO 10545-2
8. Surface quality/ Calitatea suprafetei	≥95% without defects/ / без дефекти	≥95% without defects/ / без дефекти	95% without defects/ без дефекти	Pass/ Издържа		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% /	0.06 – 0.12%		EN ISO 10545-3
10. Modulus of rupture /rezistența mecanică, 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: 58 N/mm <sup>2</sup>		EN ISO 10545-4
11. Breaking strength/ Forța de rupere, N	≥1300	≥1300	≥1300	Average: 1964N		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	the class of abrasive resistance and the number of cycles are declared by pro	Declared value	4/12000		EN ISO 10545-7
13. Craze resistance, glazed tiles/Resistența la crăpături pentru plăci glazurate	Pass according to EN ISO 10545-1	Pass according to EN ISO 10	Pass according to EN ISO 10	Resistant		EN ISO 10545-11

14. Resistance for household chemicals and swimming pool salts/ Rezistenta la solutiile de uz casnic si saruriel de piscina	Min class B	Min class B	Min class B	GA	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	GLA	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	GHA	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/Rezistent a la zgariere	Declared value	Declared value	Declared value	9	EN 101:1991
21. Slipperiness	Declared value	Declared value	Declared value	R9	DIN 51130

Date: 09.01.2024

QC: 

