



**Technical Characteristic KAI/KOS
FISA TEHNICA**

ODU
16.07.05(7/0)

Model: Cortina
Internal code: 9936
Type: Rectified Porcelain Tiles GL
Group Bla, Nominal size 595x1195 mm

Characteristics/Caracteristici Group Bla, Annex G	Tolerance EN 14411:2016, %	Tolerance EN14411:2016, mm	Measured in KAI laboratory/Masuratori in laborator Kai		Testing method/Metoda de lucru
			Caliber	Size	
1. Work size, mm (Length/width/Lungime /Latime)	±0.6/max±2mm	±2.00	R4	595 x 1195	EN ISO 10545-2
2.Thickness/Grosimea, mm	±5/max±0.5mm	±0.45	9.0 - 9.2 mm		EN ISO 10545-2
3. Straightness of sides /Liniaritatea muchiei,mm	±0.5/max±1.5mm	±1.50			EN ISO 10545-2
4. Rectangularity/ Reclangularitate, mm	±0.5/max±2mm	±2.00			EN ISO 10545-2
5. Centre curvature/ Curbura centrala, mm	±0.5/max±2mm	±2.00			EN ISO 10545-2
6. Edge curvature/ Curbura laterala, mm	±0.5/max±2mm	±2.00			EN ISO 10545-2
7. Warpage /Deformarea, mm	±0.5/max±2mm	±2.00			EN ISO 10545-2
8. Surface quality/ Calitatea suprafetei	≥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%	0.03 – 0.09 %		EN ISO 10545-3
10.Modulus of rupture /rezistența mecanică, N/mm ²	≥35N/mm ² individual≥32N/mm ²	≥35N/mm ² individual≥32N/mm ²			EN ISO 10545-4
11. Breaking strength/ Forta de rupere, N	≥1300	≥1300			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 producer	4/ 12000		EN ISO 10545-7
13.Crazing resistance, glazed tiles/Resistența la crapături pentru placi glazurate	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant		EN ISO 10545-11
14.Resistance for household chemicals and swimming pool salts/ Rezistența la soluțiile de uz casnic și sărurile de piscină	Min class B	Min class B	GA		EN ISO 10545-13
15.Resistance to the low concentration acids and	Declared value	Declared value	GLA		EN ISO 10545-13

alkalis/Rezistenta la acizi si baze de concentratie slaba				
16. Resistance to the high concentration acids and alkalis/ Rezistenta la acizi si baze de concentratie mare	Declared value	Declared value	GHA	EN ISO 10545-13
17. Stain resistance/ Rezistenta la patare	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	Resistant	EN ISO 10545-12
19. MOHS/Rezistenta la zgariere	Declared value	Declared value	9	EN 101:1991
20. Slipperiness/ Rezistenta la alunecare	Declared value	Declared value	PTV 36+ Dry PTV 36+ Wet	BS 7976

Date: 10.04.2020

