

Straightness of sides (facial sides)			
The maximum permissible deviation from straightness, related to the corresponding work sizes. Requirements for nominal size N 7cm≤N<15cm N≥ 15 cm	EN ISO 10545-2	± 0,75 mm ± 1,5 mm ó ± 0,5%	PASS
Rectangularity			
The maximum permissible deviation from rectangularity, related to the corresponding work sizes. Requirements for nominal size N 7cm≤N<15cm N≥ 15 cm	EN ISO 10545-2	± 0,75 mm ± 2,0 mm ó ± 0,5%	PASS
Surface flatness			
The maximum permissible deviation from flatness a) centre curvature, related to diagonal calculated from the work sizes. Requirements for nominal size N 7cm≤N<15cm N≥ 15 cm	EN ISO 10545-2	± 0,75 mm ± 2,0 mm ó ± 0,5%	PASS
b) edge curvature, related to the corresponding work sizes. Requirements for nominal size N 7cm≤N<15cm N≥ 15 cm	EN ISO 10545-2	± 0,75 mm ± 2,0 mm ó ± 0,5%	PASS
c) warpage, related to diagonal calculated from the work sizes. Requirements for nominal size N 7cm≤N<15cm N≥ 15 cm	EN ISO 10545-2	± 0,75 mm ± 2,0 mm ó ± 0,5%	PASS
Surface quality			
	EN ISO 10545-2	A minimum of 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles.	PASS
B) PHYSICAL PROPERTIES			
Water absorption (in % by mass)			
	EN ISO 10545-3	E_b ≤ 0,5% Individual maximum 0,6%	E_b ≤ 0,2%
Breaking strength, for:			
Thickness ≥ 7,5 mm	EN ISO 10545-4	Not less than 1.300 N	>2.500 N

Flexural tensile strength or modulus of rupture			
	EN ISO 10545-4	Minimum 35 N/mm ² Individual minimum 32 N/mm ²	41 N/mm²
Abrasión resistance			
Resistance to surface abrasion of glazed tiles intended for use on floors (PEI)	EN ISO 10545-7	Abrasion class and cycles passed	CLASS 4 (VIS 12000 rev)
Coefficient of linear thermal expansion			
from ambient temperature to 100° C	EN ISO 10545-8	Declared Value	6.1- 6.9 x10⁻⁶ (°C⁻¹)
Thermal shock resistance			
	EN ISO 10545-9	Pass according to EN ISO 10545-9	PASS
Crazing resistance			
Glazed tiles	EN ISO 10545-11	Pass according to EN ISO 10545-11	PASS
Frost resistance			
Interior uses	EN ISO 10545-12	Pass according to EN ISO 10545-12	PASS
Exterior uses			PASS
Bond strength/adhesion, for:			
cementitious adhesives	EN 12004:2007 +A1: 2012, 4.1	Declared Value	Type C2 >1 N/mm²
Reaction to fire			
		Class A1 _{FL} /A1	A1_{FL}/A1
C) CHEMICAL PROPERTIES			
Resistance to chemicals			
Resistance to household chemicals and swimming pool slats	EN ISO 10545-13	Minimum GB	GA
Resistance to staining, for:			
Glazed tiles	EN ISO 10545-14	Minimum 3	5