



<b>Straightness of sides (facial sides)</b>			
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%	<b>PASS</b>
<b>Rectangularity</b>			
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%	<b>PASS</b>
<b>Surface flatness</b>			
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%	<b>PASS</b>
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%	<b>PASS</b>
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%	<b>PASS</b>
<b>Surface quality</b>			
	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.	<b>PASS</b>
<b>B) PHYSICAL PROPERTIES</b>			
<b>Water absorption (in % by mass)</b>			
	EN ISO 10545-3	<b>E<sub>b</sub> ≤ 0,5%</b> <b>Individual maximum 0,6%</b>	<b>E<sub>b</sub> ≤ 0,2%</b>
<b>Breaking strength, for:</b>			
Thickness ≥ 7,5 mm	EN ISO 10545-4	Not less than 1.300 N	<b>&gt;2.300 N</b>

<b>Flexural tensile strength or modulus of rupture</b>			
	EN ISO 10545-4	Minimum 35 N/mm <sup>2</sup> Individual minimum 32 N/mm <sup>2</sup>	<b>&gt; 44 N/mm<sup>2</sup></b>
<b>Abrasión resistance</b>			
Resistance to surface abrasion of <b>glazed tiles</b> intended for use on floors (PEI)	EN ISO 10545-7	Abrasion class and cycles passed	<b>BLEND CLASS 4</b> <b>BLUE CLASS 4</b> <b>SAND CLASS 4</b>
<b>Coefficient of linear thermal expansion</b>			
from ambient temperature to 100° C	EN ISO 10545-8	Declared Value	<b>6.1- 6.9 x10<sup>-6</sup> (°C<sup>-1</sup>)</b>
<b>Thermal shock resistance</b>			
	EN ISO 10545-9	Pass according to EN ISO 10545-9	<b>PASS</b>
<b>Crazing resistance</b>			
Glazed tiles	EN ISO 10545-11	Pass according to EN ISO 10545-11	<b>PASS</b>
<b>Frost resistance</b>			
<b>Interior uses</b>	EN ISO 10545-12	Pass according to EN ISO 10545-12	<b>PASS</b>
<b>Exterior uses</b>			<b>PASS</b>
<b>Slip resistance</b>			
<b>Ramp test</b>	DIN 51130	-	<b>R10 B</b>
<b>Bond strength/adhesion , for:</b>			
cementitious adhesives	EN 12004:2007 +A1: 2012, 4.1	Declared Value	<b>Type C2</b> <b>&gt;1 N/mm<sup>2</sup></b>
<b>Reaction to fire</b>			
		Class A1 <sub>FL/A1</sub>	<b>A1<sub>FL/A1</sub></b>
<b>C) CHEMICAL PROPERTIES</b>			
<b>Resistance to chemicals</b>			
c) Resistance to household chemicals and swimming pool slats	EN ISO 10545-13	Minimum GB	<b>GA</b>
<b>Resistance to staining, for:</b>			
Glazed tiles	EN ISO 10545-14	Minimum 3	<b>5</b>