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# SPECIFICATIONS REPORT

Standard(s): BS EN14411:2012; EN 14411:2016 - Annex H

Product Group: Blb - GL  
 GLAZED FLOOR TILE

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Reference	Size (cm)	WORK SIZE (mm)	Thickness (mm)
Bluenza Ebony Black	M10x10	97x97	6

Technical Characteristics	Standard Test	Requeriment	Value
<b>WORK SIZE (mm)</b>	ISO 10545-2	≤2% (Max.: ±5mm)	<b>Complies</b>
- Deviation from the Work Size (%)			
- Deviation from Sample Average (%)		±0.9mm [7≤N<15]	<b>Complies</b>
<b>THICKNESS</b>		±0.5mm [7≤N<15]	<b>Complies</b>
- Deviation from the Work Size (%)			
<b>STRAIGHTNESS</b>		±0.75mm [7≤N<15]	<b>Complies</b>
- Deviation from the Work Size (%)			
<b>SQUARENESS</b>	ISO 10545-2	±0.75mm [7≤N<15]	<b>Complies</b>
- Deviation from the Work Size (%)			
<b>FLATNESS</b>		±0.75mm [7≤N<15]	<b>Complies</b>
- Deviation from the diagonal or from the Work Size (%)			
<b>SURFACE QUALITY</b>		95% Without defects	<b>Complies</b>
<b>WATER ABSORPTION</b>	ISO 10545-3	0,5 % < Eb ≤ 3 %	<b>Complies</b>
<b>BENDING STRENGHT</b>	ISO 10545-4	≥ 700(Thicknes < 7.5 mm)	<b>Complies</b>
- Breaking Strength (N)			
- Rupture Module (N/mm <sup>2</sup> )		≥ 30	<b>Complies</b>
<b>IMPACT RESISTANCE</b>	ISO 10545-5	≥ 0.55	<b>Complies</b>
Coefficient of Restitution			
<b>RESISTANCE TO DEEP ABRASION (mm<sup>3</sup>)</b>	ISO 10545-6	Not Applicable	~
<b>RESISTANCE SURFACE ABRASION (PEI)</b>	ISO 10545-7	As per Manufacturer	<b>2</b>
<b>LINEAR THERMAL EXPANSION</b>	ISO 10545-8	As per Manufacturer	<b>&lt; 9.0x10<sup>-6</sup></b>
- Coefficient of Linear Thermal Expansion (K <sup>-1</sup> )			
<b>THERMAL SHOCK RESISTANCE</b>	ISO 10545-9	Required	<b>Complies</b>
<b>MOISTURE EXPANSION</b>	ISO 10545-10	As per Manufacturer	<b>&lt; 0.6mm/m</b>
<b>CRAZING RESISTANCE</b>	ISO 10545-11	Required	<b>Complies</b>
<b>FROST RESISTANCE</b>	ISO 10545-12	Required	<b>Complies</b>
<b>CHEMICAL RESISTANCE</b>	ISO 10545-13	Min. B	<b>A</b>
- Resistance to Cleaners and Pool Salt			
- Acid Resistance		As per Manufacturer	<b>LA</b>
- Alakali Resistance	As per Manufacturer	<b>LA</b>	
<b>STAINING RESISTANCE</b>	ISO 10545-14	Min. Class 3	<b>5</b>
<b>ANTI-SLIP PROPERTIES</b>	EN 16165		
- Workrooms and Fields of Activities with Raise Slip Danger	B	As per Manufacturer, when applicable	<b>10° &lt; α ≤ 19° [R10]</b>
- Wet-Loaded Barefoot Areas	A	As per Manufacturer, when applicable	<b>18° ≤ α &lt; 24° [B]</b>
	C	As per Manufacturer, when applicable	<b>35 &lt; PTV ≤ 45 [Class 2]</b>