

**GLAZED PORCELAIN TILE**

Standard: EN 14411:2016 - Annex G

Product Group: Bla - GL

REFERENCE	SIZE (cm) [N]	WORK SIZE (mm)	THICK. (mm)
Evolve Grey	30X60	605x305	7.8

TECHNICAL CHARACTERISTICS	STANDARD TEST	REQUIREMENT EN14411	Value
<b>DIMENSIONS</b> - DEVIATION FROM THE WORK SIZE (%) - DEVIATION FROM SAMPLE AVERAGE (%)	ISO 10545-2	≤2% (Max.: ±5mm) M: 2≤ J ≤5mm ±0.9mm [7≤N<15] ±0.6% (≤±2mm)[N≥15]	COMPLIES
<b>THICKNESS</b> - DEVIATION FROM THE WORK SIZE (%)	ISO 10545-2	±0.5mm [7≤N<15] ±0.5% [N≥15]	COMPLIES
<b>STRAIGHTNESS</b> - DEVIATION FROM THE WORK SIZE (%)	ISO 10545-2	±0.75mm [7≤N<15] ±0.5% (≤±1.5mm) [N≥15]	COMPLIES
<b>SQUARENESS</b> - DEVIATION FROM THE WORK SIZE (%)	ISO 10545-2	±0.75mm [7≤N<15] ±0.5% (≤±2mm) [N≥15]	COMPLIES
<b>FLATNESS</b> - DEVIATION FROM THE DIAGONAL OR FROM THE WORK SIZE (%)	ISO 10545-2	±0.75mm [7≤N<15] ±0.5% (≤±2mm) [N≥15]	COMPLIES
<b>SURFACE QUALITY</b>	ISO 10545-2	95%	COMPLIES
<b>WATER ABSORPTION</b>	ISO 10545-3	<0.5%	COMPLIES
<b>BENDING STRENGTH</b> - BREAKING STRENGTH (N) - RUPTURE MODULE (N/mm <sup>2</sup> )	ISO 10545-4	≥ 1300 (Thickness ≥ 7.5 mm) ≥ 700(Thickness < 7.5 mm) ≥ 35	COMPLIES COMPLIES
<b>RESISTANCE TO DEEP ABRASION (mm<sup>3</sup>)</b>	ISO 10545-6	NOT APPLICABLE	~
<b>RESISTANCE SURFACE ABRASION (PEI)</b>	ISO 10545-7	ACORDING TO TEST REPORT	3
<b>STAINING RESISTANCE</b>	ISO 10545-14	Min. Class 3	5
<b>CHEMICAL RESISTANCE</b> - ACID RESISTANCE - ALKALI RESISTANCE - RESISTANCE TO HOUSEHOLD CHEMICALS AND SWIMMING POOL SALTS	ISO 10545-13	as per manufacturer as per manufacturer MIN. B	GLA GLA GA
<b>LINEAR THERMAL EXPANSION</b> - COEFFICIENT OF LINEAR THERMAL EXPANSION (K-1)	ISO 10545-8	as per manufacturer	< 9.0x10 <sup>-6</sup>
<b>CRAZING RESISTANCE</b>	ISO 10545-11	REQUIRED	COMPLIES
<b>FROST RESISTANCE</b>	ISO 10545-12	REQUIRED	COMPLIES
<b>THERMAL SHOCK RESISTANCE</b>	ISO 10545-9	RESISTANT	COMPLIES
<b>MOISTURE EXPANSION</b>	ISO 10545-10	< 0.6mm/m	COMPLIES
<b>ANTI-SLIP PROPERTIES</b> - WORKROOMS AND FIELDS OF ACTIVITIES WITH RAISED SLIP DANGER - WET-LOADED BAREFOOT AREAS	DIN 51130 DIN 51097	as per manufacturer, when applicable as per manufacturer, when applicable	~ ~
<b>ANTI-SLIP PROPERTIES</b>	ENV 12633	as per manufacturer, when applicable	~
<b>ANTI-SLIP PROPERTIES</b> - WET AREAS - DRY AREAS	BS 7976	as per manufacturer, when applicable as per manufacturer, when applicable	~ ~
<b>IMPACT RESISTANCE</b> COEFFICIENT OF RESTITUTION	ISO 10545-5	≥ 0.55	0.75