



RECER - Indústria de Revestimentos Cerâmicos, S.A.
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Standard(s): BS EN14411:2012; EN 14411:2016 - Annex L

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Product Group: BIII - GL
WHITE BODY WALL TILE

SPECIFICATIONS REPORT

Reference	Size (cm)	WORK SIZE (mm)	Thickness (mm)
Bluenza Ebony Black	20x40	200x400	7.5

Technical Characteristics	Standard Test	Requeriment	Value
WORK SIZE (mm) - Deviation from the Work Size (%)	ISO 10545-2	$\leq 2\%$ (Max.: $\pm 5\text{mm}$)	Complies
- Deviation from Sample Average (%)		$\pm 0.5\%$ ($\leq \pm 2\text{mm}$) [N ≥ 15]	Complies
THICKNESS - Deviation from the Work Size (%)		$\pm 10\%$ (Máx.: $\pm 0.5\text{mm}$) [N ≥ 15]	Complies
STRAIGHTNESS - Deviation from the Work Size (%)		$\pm 0.3\%$ ($\leq \pm 1.5\text{mm}$) [N ≥ 15]	Complies
SQUARENESS - Deviation from the Work Size (%)		$\pm 0.5\%$ ($\leq \pm 2\text{mm}$) [N ≥ 15]	Complies
FLATNESS - Deviation from the diagonal or from the Work Size (%)		$\pm 0.5\%$ ($\leq \pm 2\text{mm}$) [N ≥ 15]	Complies
SURFACE QUALITY		95% Without defects	Complies
WATER ABSORPTION	ISO 10545-3	Eb >10%	Complies
BENDING STRENGHT - Breaking Strength (N)	ISO 10545-4	≥ 600 (Thickness $\geq 7.5\text{ mm}$)	Complies
- Rupture Module (N/mm ²)		≥ 15 (Espessura $\geq 7.5\text{ mm}$)	Complies
IMPACT RESISTANCE Coefficient of Restitution	ISO 10545-5	Not Applicable	~
RESISTANCE TO DEEP ABRASION (mm³)	ISO 10545-6	Not Applicable	~
RESISTANCE SURFACE ABRASION (PEI)	ISO 10545-7	Not Applicable	~
LINEAR THERMAL EXPANSION - Coefficient of Linear Thermal Expansion (K ⁻¹)	ISO 10545-8	As per Manufacturer	< 9.0x10 ⁻⁶
THERMAL SHOCK RESISTANCE	ISO 10545-9	Required	Complies
MOISTURE EXPANSION	ISO 10545-10	As per Manufacturer	< 0.6mm/m
CRAZING RESISTANCE	ISO 10545-11	Required	Complies
FROST RESISTANCE	ISO 10545-12	Not required	~
CHEMICAL RESISTANCE - Resistance to Cleaners and Pool Salt	ISO 10545-13	Min. B	B
- Acid Resistance		As per Manufacturer	LB
- Alakali Resistance		As per Manufacturer	LB
STAINING RESISTANCE	ISO 10545-14	Min. Class 3	5
ANTI-SLIP PROPERTIES	EN 16165		
- Workrooms and Fields of Activities with Raise Slip Danger	B	Not Applicable	~
- Wet-Loaded Barefoot Areas	A	Not Applicable	~
	C	Not Applicable	~