



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 Warm Grey	20x40	200x400	7.5

Technical Characteristics	Standard Test	Requeriment	Value
WORK SIZE (mm)	ISO 10545-2	$\leq 2\%$ (Max.: $\pm 5\text{mm}$)	Complies
- Deviation from the Work Size (%)		$\pm 0.5\%$ ($\leq \pm 2\text{mm}$) [N ≥ 15]	Complies
- Deviation from Sample Average (%)		$\pm 10\%$ (Máx.: $\pm 0.5\text{mm}$) [N ≥ 15]	Complies
THICKNESS			
- Deviation from the Work Size (%)		$\pm 0.3\%$ ($\leq \pm 1.5\text{mm}$) [N ≥ 15]	Complies
STRAIGHTNESS			
- Deviation from the Work Size (%)		$\pm 0.5\%$ ($\leq \pm 2\text{mm}$) [N ≥ 15]	Complies
SQUARENESS	ISO 10545-2		
- 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	ISO 10545-4	≥ 600 (Thickness $\geq 7.5\text{ mm}$)	Complies
- Breaking Strength (N)		≥ 15 (Espessura $\geq 7.5\text{ mm}$)	Complies
- Rupture Module (N/mm ²)			
IMPACT RESISTANCE	ISO 10545-5	Not Applicable	~
Coefficient of Restitution			
RESISTANCE TO DEEP ABRASION (mm³)	ISO 10545-6	Not Applicable	~
RESISTANCE SURFACE ABRASION (PEI)	ISO 10545-7	Not Applicable	~
LINEAR THERMAL EXPANSION	ISO 10545-8	As per Manufacturer	< 9.0x10 ⁻⁶
- Coefficient of Linear Thermal Expansion (K ⁻¹)			
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	ISO 10545-13	Min. B	B
- Resistance to Cleaners and Pool Salt		As per Manufacturer	LB
- Acid Resistance		As per Manufacturer	LB
- Alakali Resistance			
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	~