



RECER – Indústria de Revestimentos Cerâmicos, S.A.

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## SPECIFICATIONS REPORT

WHITE BODY WALL TILE

Standard(s): BS EN14411:2012; EN 14411:2016 – Annex L

Product Group: BIII – GL

Reference	Size (cm)	WORK SIZE (mm)	Thickness (mm)
Imperial Ikon Dark Grey	30x60	310x610	11

Technical Characteristics	Standard Test	Requeriment	Value
<b>WORK SIZE (mm)</b> – Deviation from the Work Size (%)	ISO 10545-2	≤2% (Max.: ±5mm)	Complies
– Deviation from Sample Average (%)		±0.5% (≤ ±2mm) [N≥15]	Complies
<b>THICKNESS</b> – Deviation from the Work Size (%)		±10% (Máx.: ±0.5mm) [N≥15]	Complies
<b>STRAIGHTNESS</b> – Deviation from the Work Size (%)		±0.3% (≤±1.5mm) [N≥15]	Complies
<b>SQUARENESS</b> – Deviation from the Work Size (%)		±0.5% (≤±2mm) [N≥15]	Complies
<b>FLATNESS</b> – Deviation from the diagonal or from the Work Size (%)		±0.5% (≤±2mm) [N≥15]	Complies
<b>SURFACE QUALITY</b>		95% Without defects	Complies
<b>WATER ABSORPTION</b>	ISO 10545-3	Eb >10%	Complies
<b>BENDING STRENGHT</b> – Breaking Strength (N)	ISO 10545-4	≥ 600 (Thickness ≥ 7.5 mm)	Complies
– Rupture Module (N/mm2)		≥15 (Espessura ≥ 7.5 mm)	Complies
<b>IMPACT RESISTANCE</b> Coefficient of Restitution	ISO 10545-5	Not Applicable	~
<b>RESISTANCE TO DEEP ABRASION (mm3)</b>	ISO 10545-6	Not Applicable	~
<b>RESISTANCE SURFACE ABRASION (PEI)</b>	ISO 10545-7	As per Manufacturer	~
<b>LINEAR THERMAL EXPANSION</b> – Coefficient of Linear Thermal Expansion (K-1)	ISO 10545-8	As per Manufacturer	< 9.0x10-6
<b>THERMAL SHOCK RESISTANCE</b>		Required	Complies
<b>MOISTURE EXPANSION</b>	ISO 10545-10	As per Manufacturer	< 0.6mm/m
<b>CRAZING RESISTANCE</b>	ISO 10545-11	Required	Complies
<b>FROST RESISTANCE</b>	ISO 10545-12	Not required	~
<b>CHEMICAL RESISTANCE</b> – Resistance to Cleaners and Pool Salt	ISO 10545-13	Min. B	A
– Acid Resistance		As per Manufacturer	LA
– Alakali Resistance		As per Manufacturer	LA
<b>STAINING RESISTANCE</b>	ISO 10545-14	Min. Class 3	5
<b>ANTI-SLIP PROPERTIES</b>	EN 16165		
– Workrooms and Fields of Activities with Raise Slip Danger	B	Not Applicable	~
– Wet-Loaded Barefoot Areas	A	Not Applicable	~
	C	Not Applicable	~