



RECEC - Indústria de Revestimentos Cerâmicos, S.A.

Apartado 20 - 3771-953 OLIVEIRA DO BAIRRO

PORTUGAL

Tel.: (351) 234730500 Fax.: (351) 234730502

recer@recer.pt | www.recer.pt

# 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)
Ritmo Green	M10x10	97x97	8.3

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 (%)		±0.75mm [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>		±0.5mm [7≤N<15]	<b>Complies</b>
- Deviation from the Work Size (%)			
<b>SQUARENESS</b>	ISO 10545-3	±0.75mm [7≤N<15] ±0.5% (≤±2mm) [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>		Eb >10%	<b>Complies</b>
<b>BENDING STRENGHT</b>	ISO 10545-4	≥ 600 (Thickness ≥ 7.5 mm)	<b>Complies</b>
- Breaking Strength (N)			
- Rupture Module (N/mm <sup>2</sup> )		≥15 (Espessura ≥ 7.5 mm)	<b>Complies</b>
<b>IMPACT RESISTANCE</b>	ISO 10545-5	Not Applicable	~
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	Not Applicable	~
<b>LINEAR THERMAL EXPANSION</b>	ISO 10545-8	As per Manufacturer	< 9.0x10 <sup>-6</sup>
- 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	< 0.6mm/m
<b>CRAZING RESISTANCE</b>	ISO 10545-11	Required	<b>Complies</b>
<b>FROST RESISTANCE</b>	ISO 10545-12	Not required	~
<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	Not Applicable	~
- Wet-Loaded Barefoot Areas	A	Not Applicable	~
	C	Not Applicable	~