

Features	Test Methods	Value Required	Our Value	
Length and Width	ISO 10545-2	± 0.5%	± 0.3% ± 1.0mm	
Thickness		± 10%	± 10.0% ± 0.5mm	
Straightness of Sides		± 0.3%	± 0.3% ± 0.8mm	
Rectangularity		± 0.5%	± 0.3% ± 1.5mm	
Surface Flatness		c.c. + 0.5% - 0.3%	Solid	3D
	e.c. + 0.5% - 0.3%	± 0.3% ± 1.5mm	N/A	
Water Absorption	ISO 10545-3	E>10%	10% < E _B ≤ 20%	
Breaking Strength	ISO 10545-4	S≥600 N	S ≥ 600 N	
Modulus of Rupture		R≥15 N/mm ²	R ≥ 15 N/mm ²	
Coefficient of Linear Thermal Expansion	ISO 10545-8	Declared Value	≤ 7 MK-1	
Thermal Shock Resistant	ISO 10545-9	Declared Value	Resistant	
Moisture Expansion	ISO 10545-10	Declared Value	≤ 0.06% (0.6mm/m)	
Crazing Resistance	ISO 10545-11	Declared Value	Resistant	
Bond Strength/Adhesion for Improved Cementitious Adhesives	EN 1348	Pass According to EN ISO 10545-1	≥ 1.0 N/mm ² (Class C2 - EN 12004)	
Reaction to Fire		Class A1 or A1 _{fl}	A1	
Household Chemical Resistance	ISO 10545-13	Minimum Class B (GB for unglazed tiles)	GA	
Low Concentration		Declared Class	GLA	
High Concentration		Declared Class	GHA	
Resistance to Staining	ISO 10545-14	Minimum Class 3	5	
Release of Dangerous Substances: Cadmium and Lead	ISO 10545-15	Declared Value	≤ 0.01 mg/dm ² Cd ≤ 0.1 mg/dm ² Pb	

LEED V4 This collection of porcelain floor and white body wall tiles can be used in projects that follow the guidelines of the GREEN BUILDING COUNCIL, which promotes the independent certification system LEED BD&C v4 (Leadership in Energy and Environmental Design, Building Design & Construction), whose parameters establish precise criteria for the design and construction of buildings that are healthy, energy efficient and with low environmental impact. All products in this collection will therefore contribute to obtaining the LEED V4 rating of buildings, in relation to different areas: Sustainability of the Site, Materials and Resources, Internal Environmental Quality.

According to ANSI and MIA standards, depending on the type and size of tile, it is recommended to have at least a 1/8" wide grout joint for floor tiles in order to be able to fill the grout joint full and never less than 1/16" wide. Please refer to TCNA guidelines for more on grout recommendations.

Product Info:

- Ceramic Tile
- Matte | Glossy Finish
- 10mm Thicknesses
- Rectified Edge
- V2 - Uniform Appearance
- Frost Resistance = No

