

Features	Test Methods	Floor Tile Value			
		Matte	48x110	Grip	20mm
Length and Width	ISO 10545 - 2	± 0.3% ± 1.0 mm			
Thickness		± 5% ± 0.5 mm			
Straightness of Sides		± 0.3% ± 0.8 mm			
Rectangularity		± 0.3% ± 1.5 mm			
Surface Flatness		± 0.4% ± 1.8 mm			
Water Absorption	ISO 10545 - 3	≤ 0.1 %			
Breaking Strength	ISO 10545-4	S ≥ 1500N	S ≥ 1000N	S ≥ 1500N	S ≥ 10000N
Modulus of Rupture		R ≥ 40 N/mm ²	R ≥ 40 N/mm ²	R ≥ 40 N/mm ²	R ≥ 45 N/mm ²
Bending Strength and Breaking Load	EN 1339 Annex F	-	-	-	≥ T11
Impact Resistance as Coefficient of Restitution	ISO 10545-5	≥ 0.55			
MOHS hardness	EN 101	6	6	8	8
Resistance to Deep Abrasion of Unglazed Tiles (removed volume)	ISO 10545-6	≤ 150 mm ³			
Coefficient of Thermal Linear Expansion	ISO 10545-8	≤ 7M°K ⁻¹			
Thermal Shock Resistance	ISO 10545-9	Resistant			
Moisture Expansion	ISO 10545-10	≤ 0.01% (0.1mm/m)			
Frost Resistance	ISO 10545-12	Resistant			
Bond Strength / Adhesion for Improved Cementitious Adhesives	EN 1348	≥ 1.0 N/mm ²			
Reaction to Fire	-	A1 - A _{fl}			
Resistance to Household Chemicals and Swimming Pool Salts	ISO 10545-13	A			
Resistance to Low Concentrations of Acids and Bases		LA			
Resistance to High Concentrations of Acids and Bases		HA			
Stain Resistance	ISO 10545-14	5			
Dynamic Coefficient of Friction (DCOF)	ANSI A137.1	> 0.50 Wet			



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:

- Through Body Porcelain Tile
- Matte | Textured | Grip Finishes
- 6mm | 9mm | 12mm | 20mm Thicknesses
- Rectified Edge
- V3 - Moderate Variation
- Frost Resistance = Yes

