

FLOOR TILES

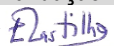
Single Fired "Porcelain" Floor Tiles EN 14411 - Group BI a - UGL (1st Choice)

Floor Tile – PE050 – PE051 – PE052 – PE053 - MAGMA - Size 450x450x8,5 mm

Features	Norm	Norm Value	Aleluia S. A.	Obs
 Dimensional Features a) Maximum deviation related to production measure (%) b) Maximum thickness deviation related to production measure (mm) c) Maximum deviation related to side straightness (%) d) Maximum Deviation in right angles (%) e) Maximum deviation of central curvature (%) f) Maximum deviation of lateral curvature (%) g) Maximum Deviation of Bends (%)	EN ISO 10545-2	± 0,6%	± 0,4 %	
		± 5%	± 5 %	
		± 0,5%	± 0,25 %	
		± 0,5%	± 0,4 %	
		± 0,5%	-0,1% to +0,15%	
		± 0,5%	-0,1% to +0,15%	
		± 0,5%	-0,1% to +0,2%	
Surface Aspect		≥ 95%	≥ 95%	
 Water Absorption (%)	EN ISO 10545-3	≤ 0,5 %	≤ 0,1 %	
 Modulus of Rupture (N/mm²)	EN ISO 10545-4	≥ 35 N/mm ²	≥ 40 N/mm ²	(1)
 Flexion Resistance (N)	EN ISO 10545-4	≥ 1300 N	≥ 1750 N	
 Thermal Shock Resistance	EN ISO 10545-9	When required	Accordinging	
 Anti-slip properties	BS 7976 DIN 51130	Product to Product	PVT ≥ 36 R10	
 Staining Resistance (Staining Products)	EN ISO 10545-14	≥ Class 3	Class 4 / 5	
 Chemical Resistance a) Household chemicals b) Swimming Pool salts c) Acids d) AlKalis	EN ISO 10545-13	≥ Class B ≥ Class B Product to Product Product to Product	Class A Class A Class LA Class LA	
 Frost Resistance	EN ISO 10545-12	Required	Accordinging	
 Deep Abrasion Resistance (mm³)	EN ISO 10545 - 6	≤ 175	≤ 150	

(1) Thickness = 8,5 mm

Validação:



Elmano Castilho

(DQA)

Data: 04 / 02 / 2025