ALELUIA ceramics

Características Técnicas Produto Acabado

Aleluia Cerâmicas S.A.

FLOOR TILES

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

Floor Tile – P6092 - BALANCE - Size 600x600x10 mm

Features	Norm	Norm Value	Aleluia S. A.	Obs
 **Dimensional Features** a) Maximum deviation related to production measure (%)	EN ISO 10545-2	± 0,6%	**± 0,4 %**	
b) Maximum thickness deviation related to production measure (mm)		± 5%	**± 5 %**	
c) Maximum deviation related to side straightness (%)		± 0,5%	**± 0,25 %**	
d) Maximum Deviation in right angles (%)		± 0,5%	**± 0,4 %**	
e) Maximum deviation of central curvature (%)		± 0,5%	**-0,1% to +0,15%**	
f) Maximum deviation of lateral curvature (%)		± 0,5%	**-0,1% to +0,15%**	
g) Maximum Deviation of Bends (%)		± 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/mm²	**≥ 40 N/mm²**	(1)
Flexion Resistance (N)	EN ISO 10545-4	≥ 1300 N	**≥ 1750 N**	
 **Thermal Shock Resistance**	EN ISO 10545-9	When required	**According**	
 **Anti-slip properties**	DIN 51130	Product to Product	**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	**According**	
 **Deep Abrasion Resistance (mm3)**	EN ISO 10545 - 6	≤ 175	≤ 150	

(1) **Thickness = 10 mm**

Validação:

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Elmano Castilho
(DQA)
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