



**Reference Standard:** EN 14411: 2012 Ceramic Floor and Wall Tiles: Definitions, Classification, Characteristics and Marking

**Product Type:** Dry Pressed: Group BIa UGL

**REVIGRÉS Reference:** FLINT POL

**Use:** Internal and External Wall and Floor Tiles

TEST METHODS	STANDARD AND TEST VALUE	DECLARED VALUES	
Length and Width	ISO 10545-2	± 0,5%	
Deviation of mean thickness from manufacturing thickness		± 5%	
Straightness of the edges		± 0,5%	
Orthogonality		± 0,6%	
Surface Flatness		± 0,5%	
Surface quality (% defect free)		≥ 95%	Compliant
Water Absorption	ISO 10545-3	< 0,5%	
Bending Strength (N)	ISO 10545-4	≥ 1300	
Thickness ≥ 14 mm		> 6500	
8,5 mm < Thickness < 14 mm		> 3500	
7,0 mm ≤ Thickness ≤ 8,5 mm		> 2000	
Rupture Modulus (N/mm <sup>2</sup> )		> 35	
Resistance to deep abrasion (removed Volume/mm <sup>3</sup> )	ISO 10545-6	< 175	
Coefficient of Linear Thermal expansion (with atmospheric temperature up to 100 °C)	ISO 10545-8	Test method available	≤ 8,0x10 <sup>-6</sup> / °C
Resistance to Thermal shock	ISO 10545-9	Required	Resistant
Resistant to frost	ISO 10545-12	Required	Without visible defects
Resistance to Acids and high concentrations Bases	ISO 10545-13	The producer declares the classification	Class HA
Resistance to Acids and low concentrations Bases			Class LA
Resistance to household chemicals and swimming pool water additives			Mín. Class B
Resistance to staining	ISO 10545-14	Test method available	Class 5
Antislip Resistance	DIN 51130	Máx. R13	Test available
Antislip Resistance	DIN 51097	Máx. C	Test available
Antislip Resistance	ENV 12633	Máx class 3	Test available
Antislip Resistance	BS 7976	Test method available (PTV)	Test available
Antislip Resistance	ANSI A137-1	Test method available (DCOF)	Test available
Resistance to heavy shock	UPEC CSTB	UPEC	Level 0 a 5
Reaction to fire	EN 13823 EN 9239-1	A1 <sub>FL</sub>	Level 3 Class A1 <sub>FL</sub> / Class A1

\*Technical specifications are only valid for the products classified as 1<sup>st</sup> choice.

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Quality Manager  
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