



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

Product Type: Dry Pressed: Group Bla UGL

REVIGRÉS Reference: IRON NAT

Use: Internal and External Wall and Floor Tiles

TEST METHODS	STANDARD AND TEST VALUE	DECLARED VALUES	
Length and Width	ISO 10545-2 ± 0,5%	± 0,2% +GF18:G20	
Deviation of mean thickness from manufacturing thickness	± 5%	± 5%	
Straightness of the edges	ISO 10545-2 ± 0,5%	± 0,3%	
Orthogonality	± 0,6%	± 0,3%	
Surface Flatness	± 0,5%	± 0,3%	
Surface quality (% defect free)	≥ 95%	Compliant	
Water Absorption	ISO 10545-3 < 0,5%	< 0,05%	
Bending Strength (N)			
Thickness ≥ 14 mm	ISO 10545-4 ≥ 1300	> 6500	
8,5 mm < Thickness < 14 mm	ISO 10545-4 ≥ 1300	> 3500	
7,0 mm ≤ Thickness ≤ 8,5 mm	ISO 10545-4 ≥ 1300	> 2000	
Rupture Modulus (N/mm ²)	> 35	> 45	
Resistance to deep abrasion (removed Volume/mm ³)	ISO 10545-6 < 175	< 120	
Coefficient of Linear Thermal expansion (with atmospheric temperature up to 100 °C)	ISO 10545-8 Test method available	≤ 8,0x10 ⁻⁶ / °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	Class A
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	Level 3
Reaction to fire	EN 13823 EN 9239-1 A1 _{FL}	Class A1 _{FL} / Class A1	

*Technical specifications are only valid for the products classified as 1st choice.

001/10