


REVIGRÉS - Indústria de Revestimentos de Grés Lda

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

Product Type: Dry Pressed: Group Bla UGL

REVIGRÉS Reference: Full Body Porcelain Tiles Natural Éléments

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%
Water Absorption	ISO 10545-3	< 0,5%
Bending Strength (N)	ISO 10545-4	
Thickness ≥ 7,5 mm		≥ 1300
Thickness < 7,5 mm		> 700
Rupture Modulus (N/mm ²)		> 35
Resistance to deep abrasion (removed Volume/mm ³)	ISO 10545-6	< 175
Resistance to deep abrasion (Glazed)	ISO 10545-7	Not applicable
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
Cracking resistance (Glazed)	ISO 10545-11	Not applicable
Resistant to frost	ISO 10545-12	Required
Resistance to Acids and high concentrations Bases	ISO 10545-13	The producer declares the classification
Resistance to Acids and low concentrations Bases		Class ULA
Resistance to household chemicals ans swimming pool water additives		Mín. Class UB
Resistance to staining	ISO 10545-14	Test method available
Antislip Resistance	DIN 51130	Máx. R13
Antislip Resistance	DIN 51097	Máx. C
Antislip Resistance	EN 13036-4	Test method available
Resistance to heavy shock	UPEC CSTB 3755	Level 0 to 5
Reaction to fire	Decision 96/603/CE	Class A1 _{FL}

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

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