



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

Product Type: Dry Pressed: Group BIa UGL

REVIGRÉS Reference: HYDRAULIK RECT

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	≥ 1300
Thickness ≥ 14 mm		> 6500
8,5 mm < Thickness < 14 mm		> 3500
7,0 mm ≤ Thickness ≤ 8,5 mm		> 2000
Rupture Modulus (N/mm ²)		> 35
Resistance to deep abrasion (removed Volume/mm ³)	ISO 10545-6	< 175
Coefficient of Linear Thermal expansion (with atmospheric temperature up to 100 °C)	ISO 10545-8	Test method available
Resistance to Thermal shock	ISO 10545-9	Required
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 HA
Resistance to household chemicals and swimming pool water additives		Class LA
Resistance to staining	ISO 10545-14	Mín. Class B
Resistance to staining	ISO 10545-14	Test method available
Antislip Resistance	DIN 51130	Class A
Antislip Resistance	DIN 51097	Máx. R13
Antislip Resistance	ENV 12633	Máx. C
Antislip Resistance	ENV 12633	Máx class 3
Antislip Resistance	BS 7976	Class 1
Antislip Resistance	BS 7976	Test method available (PTV)
Antislip Resistance	ANSI A137-1	Test method available (DCOF)
Antislip Resistance	ANSI A137-1	DCOF ≥ 0,42
Resistance to heavy shock	UPEC CSTB	UPEC
Resistance to heavy shock	UPEC CSTB	Level 0 a 5
Reaction to fire	EN 13823	Level 3
Reaction to fire	EN 9239-1	A1 _{FL}
Reaction to fire	EN 9239-1	Class A1 _{FL} / Class A1

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

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Quality Manager
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