



Reference Standard:	EN 14411: 2012 Ceramic Floor and Wall Tiles: Definitions, Classification, Characteristics and Marking
Product Type:	Dry Pressed: Group Bla UGL
REVIGRÉS Reference:	OMNI ESTR 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% / ± 0,1%
Deviation of mean thickness from manufacturing thickness	ISO 10545-2	± 5% / ± 5%
Straightness of the edges	ISO 10545-2	± 0,5% / ± 0,2%
Orthogonality	ISO 10545-2	± 0,6% / ± 0,2%
Surface Flatness	ISO 10545-2	± 0,5% / ± 0,3%
Surface quality (% defect free)	ISO 10545-2	≥ 95% / Compliant
Water Absorption	ISO 10545-3	< 0,5% / < 0,05%
Bending Strength (N)	ISO 10545-4	≥ 1300 / ≥ 1300 / > 35
8,5 mm < Thickness < 14 mm		> 3500
7,0 mm ≤ Thickness ≤ 8,5 mm		> 2000
Rupture Modulus (N/mm ²)		> 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 / R12
Antislip Resistance	DIN 51097	Máx. C / C
Antislip Resistance	ENV 12633	Máx class 3 / Class 3
Antislip Resistance	BS 7976	Test method available (PTV) / PTV 40+
Antislip Resistance	ANSI A137-1	Test method available (DCOF) / DCOF ≥ 0,42
Resistance to heavy shock	UPEC CSTB	Level 0 a 5 / Level 3
EN 13823		
Reaction to fire	EN 9239-1	A1 _{FL} / 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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