



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

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

**REVIGRÉS Reference:** OMNISTONE MATT 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	≥ 1300	> 2000		
Rupture Modulus (N/mm <sup>2</sup> )		> 35	> 45	
Resistance to deep abrasion (removed Volume/mm <sup>3</sup> )	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 <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	Class A
Resistance to staining	ISO 10545-14	Test method available	Class 5	
Antislip Resistance	DIN 51130	Máx. R13	R10	
Antislip Resistance	DIN 51097	Máx. C	B	
Antislip Resistance	ENV 12633	Máx class 3	Class 2	
Antislip Resistance	BS 7976	Test method available (PTV)	PTV 36+	
Antislip Resistance	ANSI A137-1	Test method available (DCOF)	DCOF ≥ 0,42	
Resistance to heavy shock	UPEC CSTB	UPEC	Level 0 a 5	Level 3
Reaction to fire	EN 13823 EN 9239-1	A1 <sub>FL</sub>	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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