



<b>Reference Standard:</b>	EN 14411: 2012 Ceramic Floor and Wall Tiles: Definitions, Classification, Characteristics and Marking
<b>Product Type:</b>	Dry Pressed: Group Bla UGL
<b>REVIGRÉS Reference:</b>	LAVASTONE ANTISLIP RECT
<b>Use:</b>	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%
Deviation of mean thickness from manufacturing thickness	ISO 10545-2  ± 5%	± 5%
Straightness of the edges	ISO 10545-2  ± 0,5%	± 0,3%
Orthogonality	ISO 10545-2  ± 0,6%	± 0,3%
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	> 3500
8,5 mm < Thickness < 14 mm	ISO 10545-4  ≥ 1300	> 2000
7,0 mm ≤ Thickness ≤ 8,5 mm	ISO 10545-4  > 35	> 45
Rupture Modulus (N/mm <sup>2</sup> )	ISO 10545-4  > 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	ISO 10545-13  The producer declares the classification	Class LA
Resistance to household chemicals and swimming pool water additives	ISO 10545-13  Mín. Class B	Class A
Resistance to staining	ISO 10545-14  Test method available	Class 5
Antislip Resistance	DIN 51130  Máx. R13	R11
Antislip Resistance	DIN 51097  Máx. C	B
Antislip Resistance	ENV 12633  Test method available	classe 3
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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