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Ref. standard EN 14411: 2012 Ceramic floor and wall tiles: definitions, classification, characteristics and marking

Product type Dry pressed: group Bla GL
Glazed porcelain tiles | edge rectified | matt surface

Collection RAINFOREST GREEN MATT RECT

Formats (30x60) 29.5x59.2x0.98 | (60x60) 59.2x59.2x0.98 | (45x90) 44.35x88.9x1.05
(90x90) 88.9x88.9x1.05 | (60x120) 59.2x118.6x0.98 cm

Colors Rainforest green



TEST METHODS	STANDARD METHOD	STANDARD VALUE	TYPICAL VALUE	
Length and Width ¹⁾	ISO 10545-2	± 0.6% max. 2.0 mm	± 0.1% max. ± 1.0 mm	
Thickness ¹⁾		± 5% max. ± 0.5 mm	± 5% max. ± 0.5 mm	
Straightness of the edges ²⁾		± 0.5% max. ± 2.0 mm	± 0.2% max. ± 0.8 mm	
Orthogonality ²⁾		± 0.5% max. ± 2.0 mm	± 0.2% max. ± 1.5 mm	
Surface flatness ²⁾		± 0.5% max. ± 2.0 mm	± 0.3% max. ± 1.8 mm	
Surface quality (% defect free)		≥ 95%	Complies	
Water absorption	ISO 10545-3	< 0.5%	< 0.05%	
Bending strength	9.8 10.5 mm	ISO 10545-4	≥ 1300 N	≥ 3500 N
Rupture modulus	ISO 10545-4	> 35 N/mm ²	> 45 N/mm ²	
Resistance to deep abrasion (PEI groups)	ISO 10545-7	As indicated by producer	3	
Coefficient of linear thermal expansion (with atmospheric temperature up to 100 °C)	ISO 10545-8	As indicated by producer	≤ 8,0x10 ⁻⁶ °C ⁻¹	
Resistance to thermal shock	ISO 10545-9	Required	Resist	
Resistant to frost	ISO 10545-12	Required	Resist	
Resistance against acids and alkalis	low concentrations	ISO 10545-13	As indicated by producer	Class LA
	high concentrations		As indicated by producer	Class HA
Resistance to household chemicals and swimming pool water additives	ISO 10545-13	Min. Class B	Class A	
Resistance to staining	ISO 10545-14	As indicated by producer	Class 5	
Antislip resistance	DIN 51130	Test method available	-	
	DIN 51097	Test method available	-	
	ENV 12633	Max. class 3	Class 1	
	BS 7976 [#96 rubber]	Test method available	-	
	ANSI A137-1 [DCOF]	Test method available	≥ 0,42	
Reaction to fire	EN 13823 . EN 9239-1	A1 _{FL}	Class A1FL / Class A1	

¹⁾ permissible deviation of the average value for each tile from the work size (w); ²⁾ deviation related to corresponding work sizes;

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Revigres guarantees compliance with all the requirements of the EN 14411 Grupo Bla GL standard.
The typical value is indicative and does not have the nature of a negotiation proposal.
Technical specifications are only valid for the products classified as 1st choice.
The use of the product must be adapted to its traffic intensity and slip resistance classification.
For additional information, please contact: revigres@revigres.pt.

By the Quality Department
2024.08.31



05

Ref. standard EN 14411: 2012 Ceramic floor and wall tiles: definitions, classification, characteristics and marking

Product type Dry pressed: group Bla GL
 Glazed porcelain tiles | edge rectified | polished surface

Collection RAINFOREST GREEN POL

Formats (30x60) 29.5x59.2x0.98 | (60x60) 59.2x59.2x0.98 | (45x90) 44.35x88.9x1.05
 (90x90) 88.9x88.9x1.05 |(60x120) 59.2x118.6x0.98 cm

Colors Rainforest green



TEST METHODS		STANDARD METHOD	STANDARD VALUE	TYPICAL VALUE
Length and Width ¹⁾		ISO 10545-2	± 0.6% max.2.0 mm	± 0.1% max.± 1.0 mm
Thickness ¹⁾			± 5% max.± 0.5 mm	± 5% max.± 0.5 mm
Straightness of the edges ²⁾			± 0.5% max.± 2.0 mm	± 0.2% max.± 0.8 mm
Orthogonality ²⁾			± 0.5% max.± 2.0 mm	± 0.2% max.± 1.5 mm
Surface flatness ²⁾			± 0.5% max.± 2.0 mm	± 0.3% max. ± 1.8 mm
Surface quality (% defect free)			≥ 95%	Complies
Water absorption		ISO 10545-3	< 0.5%	< 0.05%
Bending strength	9.8 10.5 mm	ISO 10545-4	≥ 1300 N	≥ 3500 N
Rupture modulus		ISO 10545-4	> 35 N/mm ²	> 45 N/mm ²
Resistance to deep abrasion (PEI groups)		ISO 10545-7	As indicated by producer	3
Coefficient of linear thermal expansion (with atmospheric temperature up to 100 °C)		ISO 10545-8	As indicated by producer	≤ 8,0x10-6 °C-1
Resistance to thermal shock		ISO 10545-9	Required	Resist
Resistant to frost		ISO 10545-12	Required	Resist
Resistance against acids and alkalis	low concentrations	ISO 10545-13	As indicated by producer	Min. LB
	high concentrations		Test method available	Test method available
Resistance to household chemicals and swimming pool water additives		ISO 10545-13	Min. Class B	Complies
Resistance to staining		ISO 10545-14	Min. class 3	Complies
Antislip resistance		NA	NA	NA
Reaction to fire		EN 13823 . EN 9239-1	A1 _{FL}	Class A1FL / Class A1

¹⁾ permissible deviation of the average value for each tile from the work size (w); ²⁾ deviation related to corresponding work sizes;
 NA - not applicable;

Revigres guarantees compliance with all the requirements of the EN 14411 Grupo Bla GL standard.
 The typical value is indicative and does not have the nature of a negotiation proposal.
 Technical specifications are only valid for the products classified as 1st choice.
 Products with a POL finish are not recommended for use in damp conditions.
 The use of the product must be adapted to its traffic intensity and slip resistance classification.
 For additional information, please contact: revigres@revigres.pt.

By the Quality Department
 2024.08.31