



05

Ref. Standard

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

Product type

Dry pressed: group BIII GL
 Glazed ceramic wall tiles | edge rectified

Collection

UNITE RECT

Formats

(40x120) 39.4x118.6x1.23 cm

Colors

Marfim (zen and eco), alloy (zen and eco), smog (zen and eco)



TEST METHODS		STANDARD METHOD	STANDARD VALUE	TYPICAL VALUE
Length and Width ¹⁾		ISO 10545-2	± 0.5% max. 2.0 mm	± 0.2% max. ±1.0 mm
Thickness ¹⁾			± 5% max. ± 0.5 mm	± 5% max. ± 0.5 mm
Straightness of the edges ²⁾			0.3% max. ± 1.5 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. - 1.5 mm	+ 0.3% max. +1.8 mm - 0.2% max. -1.5 mm
Surface quality (% defect free)			≥ 95%	Complies
Water absorption		ISO 10545-3	> 10%	> 16% - 19%
Bending strength	12.3 mm	ISO 10545-4	≥ 600 N	≥ 600 N
Rupture modulus		ISO 10545-4	> 15 N/mm ²	> 15 N/mm ²
Coefficient of linear thermal expansion (with atmospheric temperature up to 100 °C)		ISO 10545-8	Test method available	Test method available
Cracking resistance (glazed)		ISO 10545-11	Required	Resist
Resistance against acids and alkalis	low concentrations	ISO 10545-13	Test method available	Test method available
	high concentrations		Test method available	Test method available
Resistance to household chemicals and swimming pool water additives		ISO 10545-13	Min. Class B	Class A
Resistance to staining		ISO 10545-14	Test method available	Min. Class 4
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;

Revigres guarantees compliance with all the requirements of the EN 14411 Grupo BIII 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.
 For additional information, please contact: revigres@revigres.pt.

By the Quality Department
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