



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 | matt or glossy surface

Collection

CALACATTA BIANCO RECT

Formats

(30x60) 29.5x59.2x0.9 | (30x90) 29.5x88.9x1.23
 (40x120) 39.4x118.6x1.23 cm

Colors

Calacatta bianco



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	9.0 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
 2024.08.31