

REVIGRÉS - Indústria Revestimentos de Grés Lda Apartado 1 - 3754-001 Barrô - Agueda | Portugal Tel: +351 234 660 100 | revigres@revigres.pt www.revigres.com

Ref. standard



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



characteristics and marking Product type Dry pressed: group Bla UGL Full body porcelain tiles | edge rectified | antislip surface Collection DIBETOU ANTISLIP RECT Formats 19,6x120,0x1,05 cm COLOURED BODY 05 Colors DIBETOU TEST METHODS STANDARD METHOD STANDARD VALUE **TYPICAL VALUE** Length and Width ¹⁾ ± 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 edges²⁾ ± 0.5% max.± 2.0 mm ± 0.2% max.± 0.8 mm ISO 10545-2 Orthogonality²⁾ ± 0.5% max ± 2.0 mm ± 0.2% max.± 1.5 mm Surface flatness²⁾ ± 0.5% max.± 2.0 mm ± 0.3% max. ± 1.8 mm ≥ 95% Surface quality (% defect free) Complies Water absorption ISO 10545-3 < 0.5% < 0.05% Bending strength 10.5 mm ISO 10545-4 ≥ 1300 N > 3500 N > 35 N/mm² Rupture modulus ISO 10545-4 > 45 N/mm² Resistance to deep abrasion ISO 10545-6 < 175 mm³ < 120 mm³ Coefficient of linear thermal expansion ISO 10545-8 As indicated by producer ≤ 8,0x10-6 °C-1 (with atmospheric temperature up to 100 °C) Resistance to thermal shock ISO 10545-9 Required Resist Resistant to frost ISO 10545-12 Required Resist low concentations As indicated by producer Class LA Resistance against acids and ISO 10545-13 alkalis high concentrations Class HA As indicated by producer Resistance to household chemicals and swimming pool Min. Class B ISO 10545-13 Class A water additives As indicated by producer Resistance to staining ISO 10545-14 Class 5 Max. R13 R11 DIN 51130 DIN 51097 Max. C В ENV 12633 Max. class 3 Antislip resistance Class 3 BS 7976 [#96 rubber] Test method available ANSI A137-1 [DCOF] Test method available ≥ 0,42 A1_{FL} Reaction to fire EN 13823 . EN 9239-1 Class A1FL / Class A1

¹ permissible deviation of the average value for each tile from the work size (w); ²¹ deviation related to corresponding work sizes;

Revigrés guarantees compliance with all the requirements of the EN 14411 Grupo Bla UGL 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.

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By the Quality Department 2024.08.31

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TECHNICAL DATA SHEET

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



Ref. standard Product type Collection Formats 05 Colors TEST METHODS		characteristics and marking Dry pressed: group Bla UGL Full body porcelain tiles edge rectified matt surface DIBETOU MATT RECT 19,6x120,0x1,05 cm 29,5x120,0x1,05 cm 19,6x180,0x1,12 cm		
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	10.5 11.2 mm	ISO 10545-4	≥ 1300 N	> 3500 N
Rupture modulus		ISO 10545-4	> 35 N/mm²	> 45 N/mm ²
Resistance to deep abrasion		ISO 10545-6	< 175 mm ³	< 120 mm 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 concentations	-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	Max. R13	R9
		DIN 51097	Max. C	A
		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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