











FONDOVALLE

Technical characteristics according to international standards for CERAMIC TILES, UNI EN ISO 14411: 2016

Requirements of Group Bla GL

Series BRIT (Thickness 9 mm)

Technical characteristics	Test methods	Requirements EN 14411	Fondovalle Values
L < 120 cm			
 Length and Width Average deviation (%) of each tile by the size of production Thickness Straightness of the edges Rectangularity Planarity Surface quality	UNI EN ISO 10545-2	± 0,6%	± 0,6%
		± 2 mm	± 0,5 mm
		± 5%	± 5%
		± 0,5 mm	± 0,5 mm
		± 0,5%	± 0,5%
		± 1,5 mm	± 1,5 mm
		± 0,5%	± 0,5%
± 2 mm	± 1 mm		
± 0,5%	± 0,5%		
± 2 mm	± 2 mm		
≥ 95%	Compliant		
 Water absorption	UNI EN ISO 10545-3	≤ 0,5%	≤ 0.1%
 Modulus of rupture Breaking strength	UNI EN ISO 10545-4	R Average ≥ 35 N/mm ² R Minimum ≥ 32N/mm ²	h = 9 mm; R ≥ 35 N/mm ²
		h ≥ 7,5 mm; S > 1300 N/mm ²	h = 9 mm; S > 1300 N /mm ²
 Resistance to surface abrasion	UNI EN ISO 10545-7	Class 1-5	Compliant
 Resistance to thermal chock	UNI EN ISO 10545-9	Resistant	Resistant
 Frost resistance	UNI EN ISO 10545-12	Resistant	Frost proof
 Chemical Resistance	UNI EN ISO 10545-13	Declared values; B minimum	A; LA; HA
 Stain resistance	UNI EN ISO 10545-14	Minimum Class 3	Declared
 Resistance of colors to light	DIN 51094	Resistant	Resistant
 Fire Reaction	UNI EN 13501-1	Resistant	Resistant A1 FL

* Stated values are obtained from laboratory tests. They may vary depending on the production batch.