Technical features BASALIKE Series

ISO 13006/EN 14411/ISO 10545 Standards

Products: **Light Gray**, **Soft Gray**, **Sky Gray**, **Deep Gray**

Sizes (cm)/Thicknesses (mm):

- ✓ **Rectified sizes: 45x90/10; 60x60/10; 30x60/10, 15x15/10**
- ✓ **Not Rectified sizes: 45,5x91,4/10; 60,3x60,3/10; 30x60,3/9**

Surface: **Natural**

Product group: **Unglazed Porcelain Tile**, **BIa-UGL Group**

Surface property: **Antibacterial Microban surface** (according to ISO 22196 standard)

Technical characteristics		**Test method**	**EN 14411-G and ISO 13006-G: values required for BIa-UGL Tiles**	**BASALIKE Series Values**
Water absorption (E)		ISO 10545-3	≤ 0,5 %	≤ 0,04 %
Modulus of rupture		ISO 10545-4	≥ 35 N/mm^2	≥ 50 N/mm^2
Breaking strength (S)		ISO 10545-4	≥ 1300 N	Compliant
Deep abrasion resistance		ISO 10545-6	≤ 175 mm^3	≤ 145 mm^3
Linear thermal expansion		ISO 10545-8	Not required	$\alpha \leq 7 \cdot 10^{-6}$ °C^{-1}
Thermal shock resistance		ISO 10545-9	Not required	Resistant
Chemical resistance		ISO 10545-13	According to manufacturer's statement	ULA, UHA (Resistant)
Household chemicals resistance		ISO 10545-13	UB min.	UA (Resistant)
Stain resistance		ISO 10545-14	Class 3 min.	5 (Resistant)
Frost resistance		ISO 10545-12	No alterations	Resistant
Dimensions	Length and width	ISO 10545-2	± 0,6 %	± 0,6 %
	Straightness of sides	ISO 10545-2	± 0,5 %	Rectified: ± 0,2 %
				Not Rectified: ± 0,3 %
	Rectangularity	ISO 10545-2	± 0,6 %	Rectified: ± 0,2 %
				Not Rectified: ± 0,3 %
	Flatness	ISO 10545-2	± 0,5 %	± 0,5 %
	Thickness	ISO 10545-2	± 5 %	± 5 %
Slip Resistance		BCR (DCOF)	Not required	> 0,40
		DIN 51130	Not required	R 10
		DIN 51097	Not required	B (A+B)
Shade variation		ANSI A137.1	Not required	V 3 (moderate variation)
Fire reaction – wall application		EN 13823	Not required	A1 class (No reaction to fire)
Fire reaction – floor application		EN 13823	Not required	A1fl class (No reaction to fire)
Thermal Conductivity		EN 12524	Not required	λ = 1,3 W/m·°K

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