



Algemeen

Technical characteristics	Test method	EN 14411-G and ISO 13006-G: values required for Bla- UGL Tiles	NORDIC WOOD average values	
Water absorption	ISO 10545-3	≤ 0,5 %	0,1 %	
Modulus of rupture	ISO 10545-4	≥ 35 N/mm ²	45 N/mm ²	
Breaking strength (S)	ISO 10545-4	≥ 1300 N	Compliant	
Deep abrasion resistance	ISO 10545-6	≤ 175 mm ³	150 mm ³	
Linear thermal expansion	ISO 10545-8	Not required	$\alpha \leq 7 \cdot 10^{-6} \text{ } ^\circ\text{C}^{-1}$	
Thermal shock resistance	ISO 10545-9	No alterations	Resistant	
Chemical resistance	ISO 10545-13	According to manufacturer's statement	LA, HA (Resistant)	
Household chemicals resistance	ISO 10545-13	Class B min.	Class A (Resistant)	
Stain resistance	ISO 10545-14	Class 3 min.	Class 5 (Resistant)	
Frost resistance	ISO 10545-12	No alterations	Resistant	
Dimensions	Length and width	ISO 10545-2	± 0,3 % and ± 1 mm	Compliant
	Straightness of sides	ISO 10545-2	± 0,3 % and ± 0,8 mm	Compliant
	Rectangularity (*)	ISO 10545-2	± 0,3 % and ± 1,5 mm	Compliant
	Flatness	ISO 10545-2	± 0,4 % and ± 1,8 mm	Compliant
	Thickness	ISO 10545-2	± 5 % and ± 0,5 mm	Compliant
Slip Resistance	DIN 51130	Not required	R10	
Shade variation	ANSI A137.1	Not required	V2 (slight variation)	
Fire reaction – wall application	EN 13823	Not required	A1 class (No reaction to fire)	
Fire reaction – floor application	EN 9239-1	Not required	A1fl class (No reaction to fire)	
Thermal Conductivity	EN 12524	Not required	$\lambda = 1,3 \text{ W/m} \cdot ^\circ\text{K}$	