

Specifications (technical characteristics)

Specification	Unit	Testing method	Statutory rate (EN 14411)	Actual index
Water absorption	%	Vacuum (EN 99)	≤ 0.5	≤ 0.5
Flexsural strength	MPa	EN-ISO 105454-4	Min 35	48-52
Resistance to deep abrasion	mm ³	EN-ISO 105454-6	Max 175	≤ 100
Wear resistance – Polished – Glazed	PEI	EN-ISO 105454-6	2-4	3-4
			2-4	3-4
The hardness on the Mohs scale – Matt – Polished – Glazed	class	UNI EN 101		6-7
			–	5
			5	5
Frost-resistance – Matt – Polished	cycle	EN-ISO 10545-12 (-5°C +5°C)	100	150
			colspan="1" 25	150
Resistance to the surface contamination – Matt – Structure – Lappato – Polished – Deep lappato	class	EN-ISO 10545-14	Min class 3	
	5			
	5			
	5			
	4-5			
Chemical resistance – Matt – Structure – Lappato – Polished – Deep lappato		EN-ISO 10545-13	Min GB (for glazed tiles)	UHA
				UHA
			Min UB (for non-glazed tiles)	UHA(ULA)
				UHA(ULA)