

CHARACTERISTICS	STANDARD	VALUE	NOTES
Length and width	EN 14617-16	± 0,5 mm	Refers to tiles
Thickness	EN 14617-16	± 0,7 mm	Refers to tiles
Straightness of sides	EN 14617-16	± 0,3 mm	Refers to tiles
Rectangularity	EN 14617-16	± 0,9 mm	Refers to tiles
Center curvature	EN 14617-16	± 0,2% refers to length	Refers to tiles
Edge curvature	EN 14617-16	± 0,2% refers to length	Refers to tiles
Warping	EN 14617-16	± 0,2% refers to length	Refers to tiles
Apparent density	EN 14617-1	2450 - 2650 Kg/m ³	
Water absorption	EN 14617-1	≤ 1,00%	
Flexural strength	EN 14617-2	10 - 35 MPa	
Abrasion resistance	EN 14617-4	33 - 44 mm	
Frost resistance	EN 14617-5	KM _{f25} 0,4 - 1,2	
Thermal shock resistance	EN 14617-6	Δm% ≤ 0,15 % ΔR% ≤ 60 %	Test temperature: 70°C
Impact resistance	EN 14617-9	1,0 - 2,0 J ≥ 1,5 J	For thickness 9 - 12 mm For thickness 20 - 30 mm
Chemical resistance	EN 14617-10	C1	
Linear thermal expansion coefficient	EN 14617-11	12 - 26 x 10 ⁻⁶ °C ⁻¹	
Dimensional stability	EN 14617-12	Class A (<0,3 mm)	Class B (0,3 – 0.6 mm) for Verde Liguria and Rosso Levante
Electrical resistivity	EN 14617-13	R _s ≥ 10 ¹⁰ Ω R _v ≥ 10 ⁸ Ω m	Refers to surface Refers to volume
Compression resistance	EN 14617-15	90 - 150 MPa	
Mohs hardness	EN 101	up to 3 Mohs	
Thermal conductivity	EN 12524	1,3 W/(m K)	From tabulated values
Reaction to fire	EN 13501-1	A2 _{fl-s1}	
Slip resistance	EN 14231	≥ 42 (Wet)	
Slip resistance	DIN 51130	R9	For honed 320