

Technical Specifications

Technical Specifications	Standards	Test Results
Standard Size	EN-14617-16	3200 x 1400 mm
Thicknesses	EN-14617-16	20mm
Specific Weight	ASTM C97	2.425 g/cm ³
Flexural Strength	ASTM C880	42.6 N/mm ² 6178 lbf/in ² (PSI)
Water Absorption	ASTM C97	0.02%
Impact Resistance	EN-14617-9	3.6 Joule
<i>sample: thickness 20 mm</i>		
Deep Abrasion Resistance	EN-14617-4	25.4 mm
Modulus of Rupture	ASTM C99-06	42.7 Mpa (dry con.)
Slip Resistance	ASTM E303-93	19 BPN
Frost Resistance	ISO 10545-12	resistant
Fire Reaction	EN-13501-1	A1
Resistance to Chemical Substance	ASTM C650	not damage
<i>Common household and Cleaning chemicals</i>		
	ASTM C650	not damage
<i>Acid</i>		
Color Resistance to light	DIN 51094	no change of colors
Coefficient of Linear Thermal Expansion	EN-14617-11	5.7x10 ⁻⁶ °C ⁻¹
Thermal Conductivity	EN ISO 10456	1.46-1.54 W/m·K



Stain
Resistant



Acid and Alkali
Resistant



Chemical
Resistant



Pro
Hygienic



Scratch
Resistant



Impact
Resistant



Fire and Heat
Resistant



Frost
Resistant



UV
Resistant



Low Water
Absorption



High Physical
Strength



Dimensional
Stability