

## Technical Specifications - Living Series by Energie Ker

Specification	Standard	EN 14411 Standard	Energie Ker Results
Length & Width	ISO 10545-2	± 0.6%	Conforms
Thickness	ISO 10545-2	± 5.0%	Conforms
Straightness of Sides	ISO 10545-2	± 0.5%	Conforms
Rectangularity	ISO 10545-2	± 0.6%	Conforms
Surface Planarity	ISO 10545-2	± 0.5%	Conforms
Water Absorption	ISO 10545-3	≤ 0.5%	< 0.1%
Bending Strength	ISO 10545-4	≥ 35 N/mm <sup>2</sup>	> 50 N/mm <sup>2</sup>
Modules of Rupture	ISO 10545-4	≥ 1300 N	> 2500 N
Scratch Resistance	ISO 10545-7	0 - V	IV - V
Linear Thermal Expansion	ISO 10545-8	<9.0 x 10 <sup>-6</sup> °C <sup>-1</sup>	6 x 10 <sup>-6</sup> °C <sup>-1</sup>
Thermal Shock Resistance	ISO 10545-9	Required	Resists
Frost Resistance	ISO 10545-12	Required	Resists
Resistance to Acids & Bases	ISO 10545-13	Required	GLA / GHA
Resistance to Cleaning Products & Pool Reactives	ISO 10545-13	Minimum GB	GA
Resistance to Stains	ISO 10545-14	Class 3 min.	Class 5
Slip Resistance	DIN 51130	-	R9

Available Sizes (inches) & Finishes	Natural	Anti-Slip
12x12	x	x
12x24	x	x
18x18	x	x
24x24	x	