

## VIATERA® PERFORMANCE PROPERTIES



### Viatera® Slab Dimension & Weight

*Viatera*®

[www.LGviateraUSA.com](http://www.LGviateraUSA.com)

	SIZE	WEIGHT	THICK.
STANDARD 2T	55 x 119"	467 lbs	2cm
STANDARD 3T	55 x 119"	697 lbs	3cm
JUMBO 2T	63 x 130"	585 lbs	2cm
JUMBO 3T	63 x 130"	870 lbs	3cm

All slabs manufactured in USA are Jumbo size.  
All slabs manufactured overseas are standard size.

PROPERTY	TYPICAL RESULT	TEST
Point Impact	Pass	ANSI Z124.6.4.2.1
Colorfastness	Pass	ANSI Z124.6.5.1
Stain Resistance	Pass	ANSI Z124.6.4.2
Wear & Cleanability	Pass	ANSI Z124.6.4.3
Cigarette Test	Pass	ANSI Z124.6.4.4
Chemical Resistance	Pass	ANSI Z124.6.4.5
Freeze / Thaw Cycling	No Loss / Damage	ASTM C1026
Coefficient of Friction	Dry: 0.86, Wet: 0.51	ASTM C1028
Compressive Strength	42,230 psi	ASTM C170
Water Absorption	0.0004	ASTM C97
Bulk Specific Gravity	152.07 lb / ft <sup>3</sup>	ASTM C97
Izod Impact Resistance	0.3468 ft-lb / inch	ASTM D256
Barcol Hardness	94	ASTM D2583
Abrasion Resistance	40 mg (weight loss)	ASTM D4060
Bond Strength	164.9 psi	ASTM D482
Tensile Strength	1,007.25 psi	ASTM D638
Deflection Temperature	279 °C	ASTM D648
Thermal Expansion	1.55 - 1.83 (unit: 10 <sup>-5</sup> inch / inch / °C)	ASTM D696
Flexural Strength	4,114 psi	ASTM D790
Surface Burning Characteristic	Class A	ASTM E84
Fungal & Bacteria Resistance	No Growth	ASTM G21
Boiling Water Resistance	No Effect	NEMA LD3 3.5
High Temperature Resistance	No Effect	NEMA LD3 3.6