

Element Stone MSDS Sheet

MANUFACTURER'S PERFORMANCE DATA

PRODUCT TEST	TYPICAL RESULT	REFERENCE
Slab Size	64" x 127"	
Thickness & Weight	2cm-498/538lbs 3cm-800/839lbs	
Gloss	47% minimum	
Mohs Scale of Hardness	6-7	
Density	2.4g/cm ³	ASTM C-97
Water Absorption	<0.03%	ASTM C-97
Abrasion Resistance	208	ASTM C-501
Flexural Strength	>5,300 psi	ASTM D-790
Impact Resistance	0.35 ft-lb/inch	ASTM D-256
Compressive Strength	24,000-27,500	ASTM C-170
Freeze-Thaw Resistance	No effect – 15 cycles	ASTM C-1026
Coefficient of Friction	Dry- 0.84/Wet- 0.6	ASTM C-1028
Stain Resistance	Pass	ANSI Z 124.6
Chemical Resistance	Pass	ANSI Z 124.6
Cigarette Test	Pass	ANSI Z 124.6
Surface Burning	Class A	ASTM E-84
Fungal/Bacteria Resistance	No Growth	ASTM G-21
Hi Temperature Resistance	Pass	NEMA LD3-3.6