

Technical Specifications

Physical Properties	ASTM Test	Industry Standards	Results
Water Absorption	C373	Impervious < 0.5%	≤ 0.1%
Thickness Dimension	C499	Range ± 0.04 Inc. Max	≤ 0.4 Inch
Facial Dimension	C499	± 0.25%	≤± 0.25%
Warpage Average diagonal	C485	+/- 0.40%	≤ ± 0.40%
Warpage Average edge	C485	+/- 0.40%	≤ ± 0.40%
Wedging	C502	+/- 0.25%	≤ ± 0.25%
Bond Strength	C482	≥ 50 psi	≥ 200 psi
Breaking Strength	C648	≥250 lbf	≥ 400 lbf
Hardness (Mohs)	Scratch Test	Range 0 ÷ 10	≥ 7
Visible Abrasion Resistance for Glazed	C1027	No Requirement Range 0 ÷ 5	Class 4
Frost Resistance	C1026	No sample must show alterations to surface	No evidence of Damage
Chemical Resistance	C650	No Requirement Range E ÷ A	Unaffected/ Class A
Stain Resistance	C1378	No Requirement Range E ÷ A	Class A**
DCOF	BOT 3000	≥ 0.42 *	≥ 0.55 **
Aesthetic Class/Shade Rating	Visual Evaluation	No Requirement Range V0 ÷ V4	V3

