

TECHNICAL SPECIFICATIONS

<u>TEST</u>	<u>DESCRIPTION</u>	<u>STANDARD</u>	<u>RESULTS</u>
ASTM C502	Wedging (Flat, Rectangular)	Avg. 0.01%	not exceed 0.25%
ANSI A137-2	Thermal Shock Resistance		No evidence
ANSI A137-2	Shear Bond Strength	Avg. 150psi	28 day dry 216 psi
Mohs	Scratch Hardness		7
ASTM C499	Facial Dimension	4.000x4.000	Avg. 3.980
ASTM C485	Warpage (Edge, Diagonal)	-0.30% or + 0.40%	-0.01% (concave)
ASTM C372	Linear Thermal Expansion		7.83 x 10 ⁻⁶ per C
ASTM C373	Water Absorption	Avg. 0.34%	≤ 0.5% impervious
ASTM C650	Chemical Resistance		Class A
ASTM C1378	Stain Resistance		Class A
ISO 10545-4	Determination of Modulus of Rupture & Breaking Strength	Minimum Breaking Strength	P=Load (N) = Avg. 1517.5
		1500 N - cast glass	M=MOR
		600 N - fused glass	Avg. 47.0
			B=Breaking Strength (N) Avg. 1365.7