



Glass Tile Testing

Sampling Requirements and Typical Turnaround

TEST METHOD	SAMPLING REQUIREMENTS	TYPICAL TURNAROUND
ANSI A137.2 - 7.6 Mounting Allowable Deviation from Nominal Joint Size	Pricing based on testing 2-8 sheets	3 weeks
ANSI A137.2 - 7.7 Bond Strength	8 specimens, 4" x 4" or an array of specimens, 4" x 4" The client must provide the thin-set, specify cure time needed and provide installation instructions for the set-up.	6 weeks
ANSI A137.2 - 7.8 Compressive Strength	10 whole specimens	3 weeks
ANSI A137.2 - 7.9 Thermal Shock Resistance	5 whole specimens	3 weeks
ASTM C372 Linear Thermal Expansion (Air)	1 whole specimen (Any size)	3 weeks
ASTM C372 Linear Thermal Expansion (Cryogenic)	1 whole specimen (Any size)	3 weeks
ASTM C373 Water Absorption	5 whole specimens	3 weeks
ASTM C424 Craze Resistance	10 whole specimens	3 weeks
ASTM C485, C499, C502 Warpage, Dimensions & Wedging	10 whole specimens	3 weeks
ASTM C609 Light Reflectance and Color Difference	5 specimens, 4" x 4"	3 weeks
ASTM C627 Robinson Floor Test	16 sq. ft. of material The client must provide all materials, except substrate. Please contact the lab for the additional form required for this test.	6 weeks
ASTM C648 Breaking Strength	10 whole specimens	3 weeks
ASTM C650 Chemical Resistance	15 specimens, 2" x 2"	3 weeks
ASTM C895 Lead & Cadmium Extraction	6 specimens, 6" x 6" or larger	3 weeks
ASTM C1026 Freeze/Thaw	5 specimens, 3" x 3" Specimens to be cut from the center of 5 separate pieces.	4 months
ASTM C1027 Surface Abrasion	16 specimens, 4" x 4"	3 weeks
ASTM C1028 Static Coefficient of Friction	3 specimens, 6" x 6" or larger	3 weeks
ASTM C1378 Stain Resistance	6 specimens, 4" x 4"	3 weeks



ANSI A326.3 Dynamic Coefficient of Friction (Wet Only)	3 specimens, 8" x 8" or larger	3 weeks
ANSI A326.3 Dynamic Coefficient of Friction (Dry Only)	3 specimens, 8" x 8" or larger	3 weeks
ANSI A326.3 Dynamic Coefficient of Friction (Wet + Dry)	3 specimens, 8" x 8" or larger	3 weeks
ASTM C1505 Modulus of Rupture	10 whole specimens	3 weeks
ASTM C1895 Scratch Hardness	3 specimens, 3" x 12"	3 weeks
DIN 16165 German Ramp	6 sq. ft. of material If applicable, the client must provide the provide installation instructions for the set-up and the grout needed, along with the trowel size.	3 weeks