

TECHNICAL PERFORMANCE SUMMARY

TEST	TEST METHOD	ANSI SPECIFICATION SUMMARY	QUESTECH RESULTS	PASS/FAIL
Bond Strength to Polymer Fortified Portland-Cement Mortar	ASTM C482	ANSI A137.1 50 PSI or greater	131 PSI	Pass
Breaking Strength	ASTM C648	ANSI A137.1 90 lbs. or greater	130-170 lbs. (¼" nominal thickness)	Pass
Facial Dimensions	ASTM C499	ANSI A137.1 Average facial dimension not to vary more than 4.0% from nominal Range of facial dimension not to exceed 0.6%	Average \leq 4.0% Range/Max \leq 0.6%	Pass
Coefficient of Friction (Floor Tile)	ASTM C1028-89 (withdrawn 2012) with no replacement ASTM standard	ANSI A137.1-2012 Section 9.61 for wet DCOF	<0.42	Approved for Dry & Level Interior Floors
Wedging	ASTM C502	ANSI A137.1 Not to exceed 0.6%	\leq 0.6%	Pass
Water Absorption	ASTM C373	ANSI A137.1 Not to exceed 20.0%	0.73%-1.21%	Pass
24 hr. Resistance to Household Chemical Substances	ASTM C650	No ANSI Specification	No effect. Ten (10) cleaning chemicals, two (2) base concentrations and two (2) acid concentrations	N/A
24 hr. Resistance to Staining	ASTM C1378	No ANSI Specification	No visual effect. Six (6) staining agents and two (2) cleaning procedures.	N/A
Surface Burning	ASTM E84-95b	No ANSI Specification	Class B	N/A
Surface Resistivity		No ANSI Specification	Questech is non-conductive	N/A