

ASTM-ANSI-EN Product Performance Test Grid – EVEREST XP TWIST

Standard	Description	Test Result	Notes
ASTM E648	Critical Radiant Flux	Average Critical Radiant Flux: 0.28 W/cm ²	(NFPA 101 Classification: Class 2)
ASTM E662	Optical Density of Smoke	Pass ≤450	
ASTM E84	Surface Burning	Flame Spread Index: 60 Smoked-Developed Index: 155	(ASTM E84 Class B)
AATCC 30-III (TM 30-III Aspergillus Niger)**	Antifungal Assessment and Mildew Resistance Test	Pass = Not supportive of fungal growth	
ANSI A137.1-2012 a DCOF AcuTest) ***	Coefficient of Friction (Floor Slip Resistance)	Average DCOF (wet): 0.60	
ASTM F970	Static Load Limit / Residual Indentation @ 250 PSI Static Load Limit / Residual Indentation @ 1000 PSI	0.000 inch 0.005 inch	
ASTM D2394	Falling Ball Indentation Test @ 72 Inches Drop	0.008 inch = no Fracture of surface or interior material	
ASTM F1914 / ASTM F3261	Short Term Indentation and Residual Indentation	Residual Indentation @ 75 lbs: 0.000 inch No puncture through wear layer / décor into core	
ASTM D1037	Janka Hardness Modified	1,408 lbf	
ASTM C518	Thermal Resistance - Imperial Units Thermal Resistance - SI Units	0.680 °F·ft ² h/BTU 0.01198 (m ² K)/W	
ASTM F925	Resistance to Chemicals	0 = No Change	
ASTM F1515	Resistance to Light	E ≤ 8	(Test result after 300 hours exposure)
ASTM E492-09 (2016) E1 / ASTM E989 - 18	Impact Insulation Class	IIC 74	
ASTM E90-09 (2016) / ASTM E413 - 10	Sound Transmission Coefficient	STC 64	
EN 14534	Resistance to Abrasion	> 6,000 revolutions	