

**ASTM - ANSI Product Performance Test Grid – RigidTile Firm Designer**

Standard	Description	Test Result	Notes
ASTM E648-17	Critical Radiant Flux	Average Critical Radiant Flux: $\geq 0.45 \text{ W/cm}^2$	NFPA Life Safety Code 101 Classification: Class 1
ASTM E662-17a	Smoke Density	$\leq 450$	Passes $\leq 450$ Criteria, as per NFPA Life Safety Code 101
Phthalates as per CPSC-CH-C1001-09.3 (California Proposition 65)	Phthalates	Does not contain phthalate esters	
RoSH	Heavy Metals	Pass	
ASTM D5116-10 (Small Chamber)	Formaldehyde Emissions	No Formaldehyde	
ANSI A137.1-2012	Coefficient of Friction		
ISO4760:2022(E) NZWTA	NZ Wool Testing Authority Topical Moisture Resistance	Impervious Joint Passed Independent Testing	E3.3.3 & E3.3.6 compliant
(Aka DCOF AcuTest)	(Floor Slip Resistance): a) Dynamic Coefficient of Friction(wet) Coefficient of Friction (Floor Slip Resistance): b) Static Coefficient of Friction (dry)	Mean Result: 0.44  Mean Result: 0.49	Passes the $\geq 0.42$ requirement
ASTM F925	Resistance to Chemicals	Slight Surface Change / Dulling by White Mineral Oil and NaOH Solution	The scale is 0-3; 0 = no change; 1 = slight change; 2 = moderate change; 3 = severe change
ASTM F1515	Resistance to Light	$E \leq 8$	Test result after 400 hours exposure
ASTM E492-09 (2016) - ASTM E989-06 (2012)	Impact Insulation Class	IIC up to 73	Contact TORLYS for details
ASTM E90-09 (2016) / ASTM E413 - 16	Sound Transmission Coefficient	STC up to 61	