



TUFboard DECK ALSEK Collection Technical Specifications

PROPERTY	TEST METHOD	UNIT	TYPICAL PROPERTY
Material			PVC and Proprietary Components
Weight		lb/ft	1.69
Modulus of Elasticity (MOE)	ASTM D6109	psi	250,000
Modulus of Rupture (MOR)	ASTM D6109	psi	4,900
Coefficient of Friction (COF)	ASTM D2394		0.62 (DRY); 0.64 (WET)
Coefficient of Linear Expansion	ASTM D696	1/°F	2.98 x 10 ⁻⁵
Predicted Heat Build-Up (Ambient Temp 75°F) Horizontal/Vertical	ASTM D4803	°F	Acorn: 140°F / 129°F Grey: 136°F / 125°F Sage: 137°F / 126°F Sahara: 128°F / 119°F
Screw Pull Through	ASTM D1037	lbf	107 (#7 deck screw)
Allowable Wind Uplift Capacity (by Hidden Fasteners)	ASTM E330/ D7032	lb/ft ²	172 (Grooved, Tiger Claw TC-G) 189 (Square, Tiger Claw TC-3S)
Deck Board Span Rating	AC 174	in lb/ft ²	Max. Span: 16 Allowable Capacity: 100
Maximum Stair Thread Span	AC 174	in	12
Stair Tread Load Max. design load deflection	ASTM D7032	in	Passed, Deflection < 1/8"
Moisture Effect	ASTM D7032		Passed, Effect <10%
UV Resistance	ASTM D7032		Passed, Effect <10%
Freeze-Thaw Resistance	ASTM D7032		Passed, Effect <10%
Termite and Decay Resistance	ASTM D7032		Passed
Creep Relaxation	ASTM D7032		Passed, 100% recovery
Duration of Load	ASTM D7031		Passed, No Failure and Creep
Flame Spread Index	ASTM E84		25

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Note: The above properties may vary slightly due to production variation.

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