

Lorington Collection

Style	Stone	Wood
Construction	Luxury Vinyl Tile with acoustic backing Non-ortho Phthalate	Luxury Vinyl Tile with acoustic backing Non-ortho Phthalate
Classification	ASTM F1700 Class III, Type B	ASTM F1700 Class III, Type B, Grade 2
Total Thickness	0.197" (5.0 mm) with acoustic backing	0.197" (5.0 mm) with acoustic backing
Wear Layer Thickness	20 mil (0.5 mm)	20 mil (0.5 mm)
Wear Layer	Quantum Guard Elite®	Quantum Guard Elite®
Edge Treatment	Unbeveled	Unbeveled
Sizes	18" x 36" (457 x 915 mm)	7" x 48" (177.8 x 1219 mm)
Colors	2	13
Packaging	18" x 36" - 6 pcs, 27 ft2 (2.51 m2), 47.05 lbs (21.34 kg)	7" x 48" - 10 pcs, 23.3 ft2 (2.17 m2), 39.56 lbs (17.96)
Adhesive	Porous & Non-porous Substrates: V-88 Transitional Adhesive XpressStep for LVT & Sheet Vinyl Full Coverage Spray	
Installation Method	All arrows in the same direction. Planks should have end joints offset by at least 6" and staggered to create a random appearance. Tiles should be installed block or staggered; when quarter turned, arrows should alternate.	
Testing		
HUD/FHA	Passes	
Flexibility (ASTM F137)	Passes - 1" Mandrel - No Crack/Break	
Dimensional Stability (ASTM F2199)	Passes - Max 0.020 in/in ft	
Squareness (ASTM F540)	Passes - Max 0.010"	
Static Load (ASTM F970 mod.)	Passes- 250 PSI; Residual Indent ≤ 0.005"	
Flooring Radiant Panel (ASTM E648)	Passes - Class 1; ≥ 0.45 watts/cm ²	
Smoke Density (ASTM E662)	Passes - ≤ 450	
Slip Resistance (ASTM D2047)	Passes - ≥ 0.5	
Acoustic IIC (ASTM E492)	57 - 6" Concrete No Drop Ceiling	
Acoustic IIC (ASTM E492)	68 - 6" Concrete with Drop Ceiling	
Resistance to Light (ASTM F1515)	Passes	
Chemical Resistance (ASTM F925)	Passes	
Resistance to Heat (ASTM F1514)	Passes	
Environmental Data		
Indoor Air Quality	FloorScore Certified; CDPH v1.2-2017	
Product Declarations	Third-party Verified EPD, HPD (Pending)	
Carbon Offset	105% (Cradle to Gate (A1 - A3); see website for more information)	
LEED	May contribute to LEED credits: Building Product Disclosure & Optimization - EPDs Building Product Disclosure & Optimization - Sourcing Raw Materials Building Product Disclosure & Optimization - Material Ingredients; IEQc2 - Low Emitting Materials	
Manufacturing	South Korea	
Warranty		
	Limited 15-Year Commercial Warranty Limited 15-Year Quantum Guard Elite® Wear Warranty	