

Style	Stone	Abstract
Construction	Luxury Vinyl Tile	Luxury Vinyl Tile
Classification	ASTM F1700 Class III, Type B	ASTM F1700 Class III, Type B
Total Thickness	0.098" (2.5 mm)	0.098" (2.5 mm)
Wear Layer Thickness	20 mil (0.51 mm)	20 mil (0.51 mm)
Wear Layer	Quantum Guard Elite®	Quantum Guard Elite®
Edge Treatment	Micro-bevel	Micro-bevel
Sizes	18" x 18" (457 mm x 457 mm) 18" x 36" (457 mm x 915 mm) 18" x 36" (457 mm x 915 mm)	4" x 36" (102 mm x 915 mm) 18" x 18" (457 mm x 457 mm)
Colors	6 - Vena	6 - Dissolve, 6 - Rainfall, 6 - Via
Packaging	18" x 18" - 18 pcs, 40.5 ft² (3.763 m²), 30.38 lbs (13.78 kg) 18" x 36" - 9 pcs, 40.5 ft² (3.763 m²), 30.38 lbs (13.78 kg) 18" x 36" - 9 pcs, 40.5 ft² (3.763 m²), 30.38 lbs (13.78 kg) Sizes are style dependent; refer to Product Availability Chart	4" x 36" - 36 pcs, 36 ft² (3.345 m²), 27 lbs (12.25 kg) 18" x 18" - 18 pcs, 40.5 ft² (3.763 m²), 30.38 lbs (13.78 kg)
Adhesive	Porous & Non-porous Substrates: V-95 Full Spread, 2-part Epoxy V-88 Full Spread, Transitional Pressure Sensitive, High Moisture XpressStep for LVT & Sheet Vinyl Full Coverage Spray XpressStep Premium for LVT Full Coverage High Moisture Spray Porous Substrates Only: V-82 Full Spread Note: Must use V-95 or XpressStep for LVT & Sheet Vinyl under hospital beds and heavy rolling load areas. Use V-95 in Operating Rooms or where higher risk of topical moisture would be a concern.	
QuickStix®	Available with QuickStix® pre-applied adhesive, reducing time and labor required to install the flooring. QuickStix® floors can be used immediately after installation, even in extreme moisture areas.	
Installation Method	All arrows in the same direction. Tiles should be installed block or staggered; when quarter turned, arrows should alternate. Planks should have end joints offset by at least 6" and staggered to create a random appearance.	
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 - 0.010" Max	
Static Load (ASTM F970 mod.)	Passes - 2,000 PSI; Residual Indent ≤ 0.005"	
Residual Indentation (ASTM F1914)	Passes - < 8% Avg / 10% Single Value	
Flooring Radiant Panel (ASTM E648)	Passes - Class 1; ≥ 0.45 watts/cm²	
Smoke Density (ASTM E662)	Passes - ≤ 450	
Slip Resistance (ASTM C1028)	Passes - ≥ 0.5 Leather; 0.6 Rubber	
Resistance to Light (ASTM F1515)	Passes	
Chemical Resistance (ASTM F925)	Passes	
Resistance to Heat (ASTM F1514)	Passes	
Environmental Data		
Rapidly Renewable Content	Contains 2% rapidly renewable resource content	
Indoor Air Quality	FloorScore Certified; CDPH v1.1-2010	
Product Declarations	EPD	
LEED Scoreboard	May contribute to LEED credits: LEED 2009: MRc5 Regional Materials; MRc6 Rapidly Renewable Materials; IEQ4.1 Low Emitting Adhesives; IEQ4.3 Low Emitting Materials - Flooring LEED v4: Building Product Disclosure & Optimization - EPDs; Building Product Disclosure & Optimization - Sourcing Raw Materials; IEQc2 - Low Emitting Materials	
mindful MATERIALS	Visit mM Origin website, mindfulmaterials.origin.build , for current transparency information	
Manufacturing	Madison, GA (USA) - ISO 14001 EMS & ISO 9001 QMS Registered	
Warranty		
	Limited 15 Year Commercial Warranty Limited 15 Year Quantum Guard Elite® Wear Warranty	

Crafted with Purpose

For more information, contact your local Mannington Commercial representative or visit manningtoncommercial.com