



Mannington Select Collection | Wood

Mannington
COMMERCIAL



Cover: Wood - River Maple Skidaway Gray MSC102, River Maple Deep Creek MSC104
Above: Wood - Chandler Oak Drayton MSC110



Wood - Chatham Oak Alpine MSC140



Wood - Barnwood Plank Gunpowder Gray MSC241



Wood - Vintage Walnut Speakeasy MSC120, Vintage Walnut Vivian MSC122,
Vintage Walnut Hawkshaw MSC118



Wood - Hillside Walnut Palomino MSC132



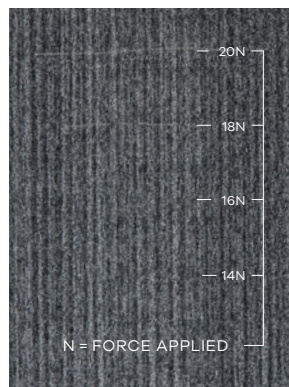
Success Is in Our Science

Introducing an advancement in our proven Quantum Guard technology: Quantum Guard Elite. This patent pending technology provides the ultimate solution for all aspects of LVT performance.

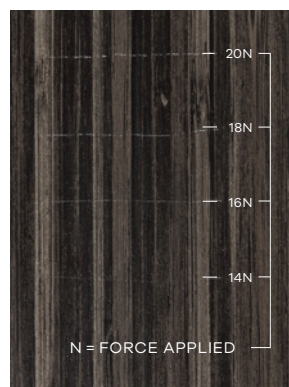
- Highest scratch resistance in the industry
- Engineered for best-in-class dimensional stability
- Superior impact resistance
- Cuts cleanly for highest quality installation
- Easy no-polish maintenance significantly reduces overall life cycle cost and total cost of ownership
- Advanced stain resistance

Outperforms in Scratch Resistance

Quantum Guard Elite



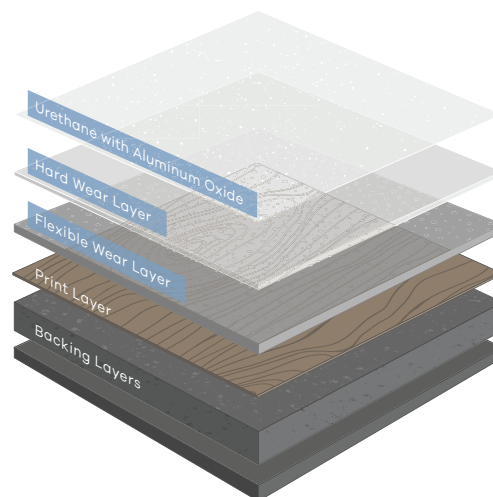
Leading Competitor



With a patent-pending two-part wear layer and aluminum oxide infused top coat, Quantum Guard Elite offers superior scratch resistance vs. the leading competitor.

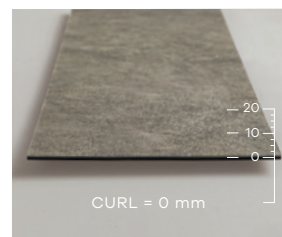
Complete Multi-Layered Protection

Quantum Guard Elite combines a hard wear layer and a flexible wear layer for superior durability with the added protection of our proprietary aluminum oxide technology.

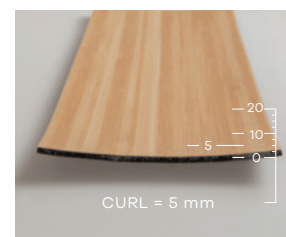


Best-in-Class Dimensional Stability

Quantum Guard Elite



Leading Competitor



LVT with Quantum Guard Elite is fully engineered to offer the perfect balance of hardness and flexibility, which helps prevent product failures in commercial environments. Products exposed to 80 °C for six hours.

Warranted to Work

Products with Quantum Guard Elite feature our Limited Quantum Guard Elite Wear Warranty and Limited Commercial Warranty.

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Product Name	Color Code	Quantum Guard Elite®	Micro-beveled Edges	3" x Multiple Lengths - 12", 24", 36", 48" (76 x 305 mm, 610 mm, 915 mm, 1219 mm)	5" x 36" (127 x 915 mm)	5" x 48" (127 x 1219 mm)	7" x 48" (178 x 1219 mm)
Barnwood Plank Cannonball	MSC240	•	•			•	
Barnwood Plank Gunpowder Gray	MSC241	•	•			•	
Barnwood Plank Cognac	MSC242	•	•			•	
Barnwood Plank Brown Sugar	MSC243	•	•			•	
Chandler Oak Vinings	MSC106	•	•		•		
Chandler Oak Habersham	MSC108	•	•		•		
Chandler Oak Drayton	MSC110	•	•		•		
Chandler Oak Tallulah	MSC112	•	•		•		
Chandler Oak Bergen	MSC114	•	•		•		
Chandler Oak Montgomery	MSC116	•	•		•		
Chatham Oak Harbor	MSC138	•	•	•		•	
Chatham Oak Alpine	MSC140	•	•	•		•	
Chatham Oak Cottage	MSC142	•	•	•		•	
Chatham Oak Natural	MSC144	•	•	•		•	
Chatham Oak Nutmeg	MSC146	•	•	•		•	
Heritage Hickory Russet	MSC158	•	•			•	
Heritage Hickory Toffee	MSC160	•	•			•	
Hillside Walnut Dove	MSC130	•	•		•		
Hillside Walnut Palomino	MSC132	•	•		•		
Hillside Walnut Knoll	MSC134	•	•		•		
Hillside Walnut Woodland	MSC136	•	•		•		
Mountain Pine Tavern	MSC244	•	•				•
Mountain Pine Weathered Gray	MSC245	•	•				•
Mountain Pine Salt Marsh	MSC246	•	•				•
Princeton Cherry Artifact Brown	MSC148	•	•	•		•	
Princeton Cherry Bay Laurel	MSC150	•	•	•		•	
Princeton Cherry Colonial	MSC152	•	•	•		•	
Princeton Cherry Natural	MSC154	•	•	•		•	
Princeton Cherry Spicy Cider	MSC156	•	•	•		•	
River Maple Sweetwater	MSC100	•	•		•		
River Maple Skidaway Gray	MSC102	•	•		•		
River Maple Deep Creek	MSC104	•	•		•		
Vintage Walnut Hawkshaw	MSC118	•	•		•		
Vintage Walnut Speakeasy	MSC120	•	•		•		
Vintage Walnut Vivian	MSC122	•	•		•		
Vintage Walnut Hayworth	MSC124	•	•		•		
Vintage Walnut Eleanor	MSC126	•	•		•		
Vintage Walnut Noir	MSC128	•	•		•		

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Style	Wood
Construction	Luxury Vinyl Tile
Classification	Non-ortho Phthalate
Total Thickness	ASTM F1700 Class III, Type B
Wear Layer Thickness	0.098" (2.5 mm)
Wear Layer	30 mil (0.76 mm)
Edge Treatment	Quantum Guard Elite®
Sizes	Micro-bevel 3" x Multiple Lengths - 12", 24", 36", 48" (76 x 305 mm, 610 mm, 915 mm, 1219 mm), 5" x 36" (127 x 915 mm), 5" x 48" (127 x 1219 mm), 7" x 48" (178 x 1219 mm) Sizes are style dependent; refer to Product Availability Chart
Colors	38
Packaging	3" x Multiple Lengths - 80 pcs, 50 ft ² (4.645 m ²), 36.3 lbs (16.47 kg) 5" x 36" - 36 pcs, 45 ft ² (4.181 m ²), 32.67 lbs (14.82 kg) 5" x 48" (Barnwood Plank colors only) - 21 pcs, 35 ft ² (3.252 m ²), 68.14 lbs (30.91 kg) 5" x 48" (all Chatham Oak, Heritage Hickory and Princeton Cherry colors) - 23 pcs, 38.3 ft ² (3.558 m ²), 278 lbs (12.61 kg) 7" x 48" - 15 pcs, 35 ft ² (3.252 m ²), 68.14 lbs (30.91 kg) Packaging may differ for QuickStix®
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, XpressStep or XpressStep Premium adhesive under hospital beds and heavy rolling load areas. Use V-95 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. 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 - Max 0.010"
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/cm ²
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, HPD
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; Building Product Disclosure & Optimization - Material Ingredients; IEQc2 - Low Emitting Materials Visit mM Origin website, mindfulmaterials.origin.build, for current transparency information
mindful MATERIALS	Madison, GA (USA) - ISO 14001 EMS & ISO 9001 QMS Registered
Manufacturing	
Warranty	
	Limited 20 Year Commercial Warranty Limited 20 Year Quantum Guard Elite® Wear Warranty