



Natural Optimist Collection

Mannington
COMMERCIAL



Cover: Wood - Brandwine Ash NAT105 and Velvet Cherry NAT103
Above: Stone - Amalfi NAT203, Top Shelf (Modular) - Favored 12761



Wood - Easton Oak NAT111





Wood - Springhouse Teak NAT108, Stone - Aires NAT201

Celebrate the textures of our world.

In substantial 4 mm LVT, the Natural Optimist collection spans hand-worked textiles, peaceful woods, and eclectic terrazzo. Combine the styles with each other or with carpet—no transition strips needed—to provide spaces with layers of organic depth and unique texture.



Abstract - Gemma Treasure NAT 304

Crafted with Purpose.



Natural Optimist

At Mannington Commercial, we proudly manufacture the vast majority of our LVT right here in North America, including Natural Optimist. By controlling the process from start to finish, from design to material sourcing to delivery, we are able to bring you hard surface flooring products that are optimized to fit your needs.

Crafted by the Industry Leader in LVT

4 mm Thickness

Natural Beauty, Outstanding Performance

- Wood, stone and abstract visuals coordinate beautifully with Mannington Commercial's carpet collections

Quantum Guard Elite®

- Best in class abrasion resistance
- Easy maintenance
- Stain resistance that endures

15-Year Quantum Guard Elite® warranty

105% Carbon Offset

- Recognizing the impact that the built environment can have on Earth's climate and health, Mannington Commercial is improving operations and offsetting cradle to gate embodied carbon by 105% on our domestically manufactured flooring products as part of our commitment to helping customers take positive action through their projects.



Made in the USA

Defeat Damp Spaces

Your job just got easier. With our comprehensive moisture solutions for LVT, you can defeat the most extreme high moisture conditions.

Best Solutions for:

Any Slab Condition

NO Moisture Testing Required – NO RH limit, NO Testing*

Adhesive

Amtico RP-18 / MoistureLoc

* **Conditions**
No hydrostatic pressure | No standing water or visible water stains | Slab is at least 45 days old

Best Solutions for:

Slabs with Intact Vapor Barrier (Class B or better)

Quick pH Testing Required**

Adhesive	pH
Amtico Pressure Sensitive / V-88	12
Amtico RP-18 / MoistureLoc	None
QuickStix® with Moisture Resistant Primer**	12

** **Conditions**
Intact Class B or better vapor barrier | No hydrostatic pressure | No standing water or visible water stains | Slab is at least 45 days old

Best Solutions for:

Unknown Slab Conditions

Moisture Testing Required

Adhesive	RH%	MVER	pH
Amtico Pressure Sensitive / V-88	95	10	12
Amtico RP-18 / MoistureLoc	None	None	None
XpressStep LVT & Sheet	98	10	12
QuickStix® with Premium Universal Primer (with IVB)	99	18	12
QuickStix® with Premium Universal Primer (No IVB)	95	10	12
V-95	85	5	9

IVB = Intact Vapor Barrier

Natural Optimist Product Availability

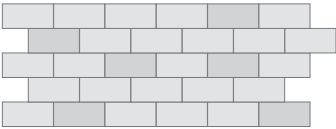
Product Name	Product Code	Style	Color / Pattern Variability	Surface Finish - Ceramic	Surface Finish - Smooth Tick	Quantum Guard Elite®	Micro-beveled Edges	18" x 18" (457 x 457 mm)	7.25" x 48" (184 x 1219 mm)
ABSTRACT									
Gemma Moonslice	NAT301	Abstract	Low	•		•	•		•
Gemma Luminary	NAT302	Abstract	Low	•		•	•		•
Gemma Spun Gold	NAT303	Abstract	Low	•		•	•		•
Gemma Treasure	NAT304	Abstract	Low	•		•	•		•

STONE									
Aires	NAT201	Stone	Low	•		•	•	•	
Amalfi	NAT203	Stone	Medium	•		•	•	•	
Capri	NAT204	Stone	Medium	•		•	•	•	
Cowry	NAT202	Stone	Low	•		•	•	•	

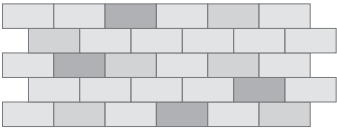
WOOD									
Brandywine Ash	NAT105	Wood	Low		•	•	•		•
Earthen Cherry	NAT106	Wood	Low		•	•	•		•
Easton Oak	NAT111	Wood	Low		•	•	•		•
Salem Oak	NAT110	Wood	Low		•	•	•		•
Sojourn Oak	NAT109	Wood	Medium		•	•	•		•
Springhouse Teak	NAT108	Wood	Low		•	•	•		•
Summer Teak	NAT112	Wood	Low		•	•	•		•
Sylvan Ash	NAT101	Wood	Low		•	•	•		•
Velvet Cherry	NAT103	Wood	Low		•	•	•		•
Whistler Oak	NAT104	Wood	Low		•	•	•		•

Color/Pattern Variability

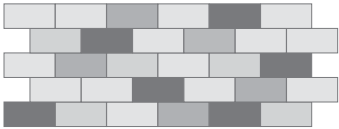
Color and visual variation are inherent in all resilient products. Variability can fluctuate from slight or significant, and from tile to tile. Our pattern variability ratings range from low (little variation) to high (significant variation).



Low
Slight variation



Medium
Moderate variation



High
Substantial variation



QUANTUM GUARD®
elite

Success Is in Our Science

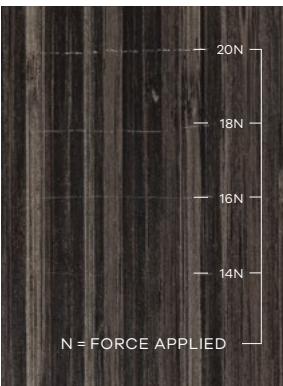
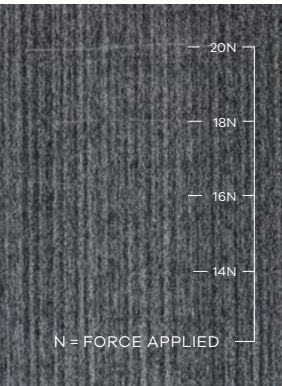
Quantum Guard Elite is a proven, patented technology that provides the ultimate solution for all aspects of LVT performance.

- 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

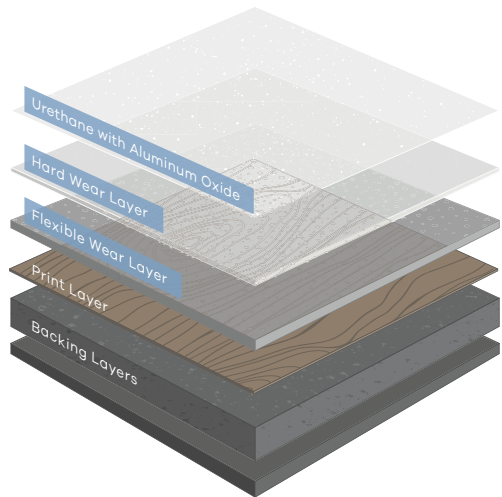
Leading Competitor



With a patented 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

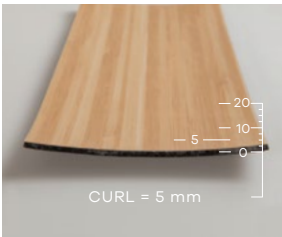
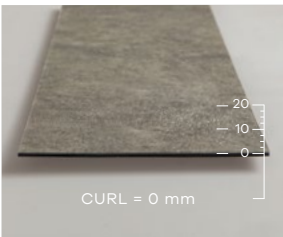
Quantum Guard Elite combines a hard wear layer and a flexible wear layer for superior durability with the added protection of our proprietary aluminum oxide technology.



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.

Natural Optimist Collection

Style	Abstract	Stone	Wood
Construction	Luxury Vinyl Tile Non-ortho Phthalate	Luxury Vinyl Tile Non-ortho Phthalate	Luxury Vinyl Tile Non-ortho Phthalate
Classification	ASTM F1700 Class III, Type B	ASTM F1700 Class III, Type B	ASTM F1700 Class III, Type B
Total Thickness	0.1575" (4.0 mm)	0.1575" (4.0 mm)	0.1575" (4.0 mm)
Wear Layer Thickness	20 mil (0.51 mm)	20 mil (0.51 mm)	20 mil (0.51 mm)
Wear Layer	Quantum Guard Elite®	Quantum Guard Elite®	Quantum Guard Elite®
Edge Treatment	Micro-bevel	Micro-bevel	Micro-bevel
Sizes	7.25" x 48" (184 x 1219 mm)	18" x 18" (457 x 457 mm)	7.25" x 48" (184 x 1219 mm)
Colors	4	4	10
Packaging	12 pcs, 29 ft² (2.694 m²), 38.28 lbs (17.36 kg)	12 pieces, 27ft² (2.508m2), 35.64lbs (16.17kg)	12 pcs, 29 ft² (2.694 m²), 38.28 lbs (17.36 kg)
Adhesive	<p>Porous & Non-porous Substrates: V-88 / Amtico PSA Full Spread, Transitional Pressure Sensitive MoistureLoc / Amtico RP-18 Full Spread, One Component V-95 Full Spread, 2-Part Epoxy XpressStep for LVT & Sheet Vinyl Full Coverage Spray</p> <p>Note: Must use V-95, MoistureLoc, Amtico RP-18 or XpressStep adhesive under hospital beds and heavy rolling load areas. In more abusive conditions such as areas subject to dragging force, direct sunlight or where topical moisture would be a concern, only V-95, MoistureLoc or Amtico RP-18 should be used.</p>		
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/lin ft		
Squareness (ASTM F2055)	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/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 v1.2-2017		
Product Declarations	Third party verified EPD, HPD		
Carbon Offset	105% Cradle to Gate (A1-A3), see website for additional 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		
mindful MATERIALS	Visit mindfulmaterials.com 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		