



The Portland Project

Mannington
COMMERCIAL



Cover: **Timberline Trace** - Wake P219, **Moraine** - Wake P218
Above: **Moraine** - Twinflower P210, **Summit** - Native 15906







Moraine - Copperpot P202



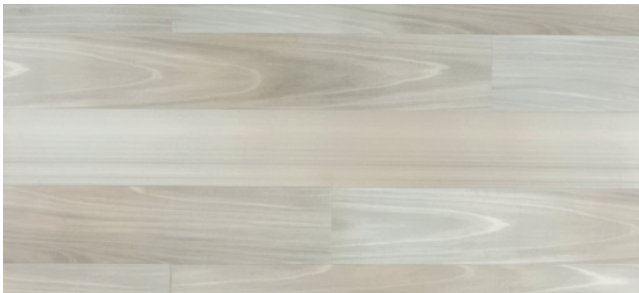
Burnside - Copperpot P200

The Portland Project



Burnside

Wake P216



Flume

Wake P217



Moraine

Wake P218



Timberline Trace

Wake P219



Burnside

Drifter P212



Flume

Drifter P213



Moraine

Drifter P214



Timberline Trace

Drifter P215

Images show multiple planks.

The Portland Project



Burnside

Frontier P204



Flume

Frontier P205



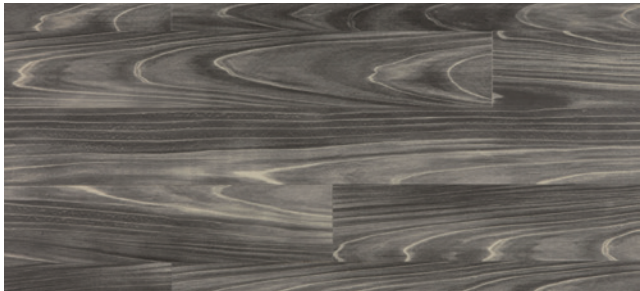
Moraine

Frontier P206



Timberline Trace

Frontier P207



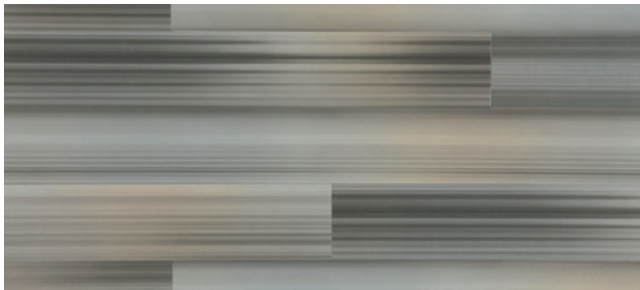
Burnside

Wayfarer P220



Flume

Wayfarer P221



Moraine

Wayfarer P222

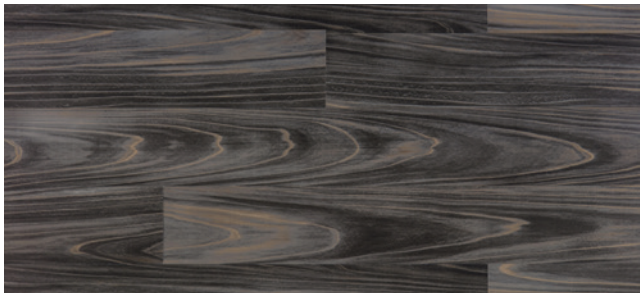


Timberline Trace

Wayfarer P223

Images show multiple planks.

The Portland Project



Burnside

Copperpot P200



Flume

Copperpot P201



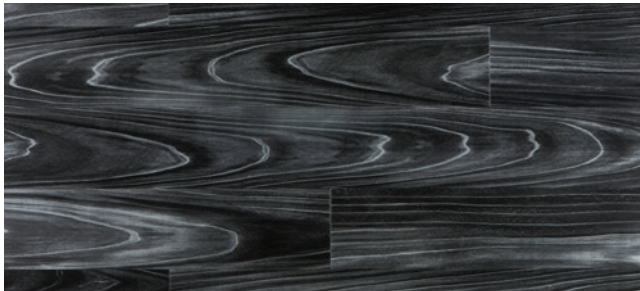
Moraine

Copperpot P202



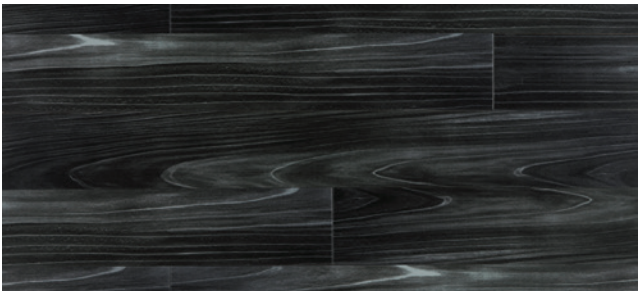
Timberline Trace

Copperpot P203



Burnside

Twinflower P208



Flume

Twinflower P209



Moraine

Twinflower P210



Timberline Trace

Twinflower P211

Images show multiple planks.



QUANTUM GUARD®
elite

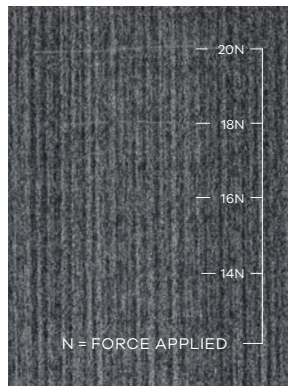
Success Is in Our Science

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.

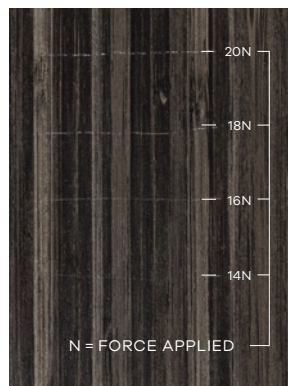
- Highest scratch resistance in the industry
- Engineered for best-in-class dimensional stability
- Superior impact resistance
- Cuts cleanly for highest quality installation
- Easy no-polish maintenance significantly reduces overall life cycle cost and total cost of ownership
- Advanced stain resistance

Outperforms in Scratch Resistance

Quantum Guard Elite



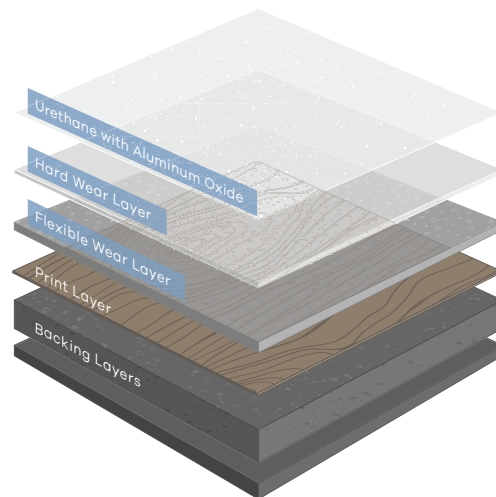
Leading Competitor



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.

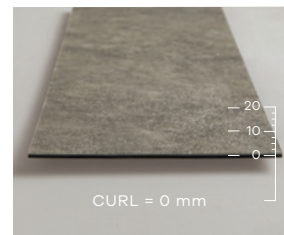
Complete Multi-Layered Protection

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.

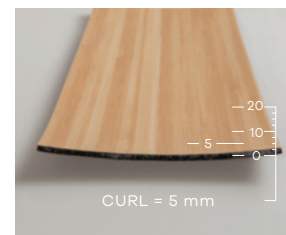


Best-in-Class Dimensional Stability

Quantum Guard Elite



Leading Competitor



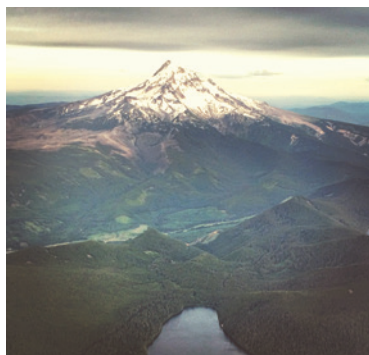
LVT with Quantum Guard Elite is fully engineered to offer the perfect balance of hardness and flexibility, which helps prevent product failures in commercial environments. Products exposed to 80 °C for six hours.

Warranted to Work

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

The Road Less Traveled

Inspired by Oregon's wild and rugged coast, secluded ridge lines and meandering trails. This collection started with a road trip, with opening ourselves up to the world we share in full confidence that new patterns would be revealed, unearthed, created. The result is luxurious metallic effects. Sharp linear striations that emphasize movement from one plank to the next. Colors that were born on the coastline: from the richly saturated to neutral, nature-inspired grays and browns.



The Portland Project

Style	Burnside, Flume, Moraine, Timberline Trace
Construction	Luxury Vinyl Tile Non-ortho Phthalate
Classification	ASTM F1700 Class III, Type B
Total Thickness	0.098" (2.5 mm)
Wear Layer Thickness	30 mil (0.76 mm)
Wear Layer	Quantum Guard Elite®
Edge Treatment	Micro-bevel
Sizes	6" x 48" (152 x 1219 mm)
Colors	6 each style
Packaging	24 pcs, 48 ft² (4.459 m²), 34.8 lbs (15.79 kg) Packaging may differ for QuickStix®
Adhesive	Porous & Non-porous Substrates: Amtico PSA Full Spread, Transitional Pressure Sensitive, High Moisture Amtico RP-18 Full Spread, One Component XpressStep for LVT & Sheet Vinyl Full Coverage Spray XpressStep Premium for LVT Full Coverage High Moisture Spray Porous Substrates Only: Amtico 373 Full Spread Note: Must use Amtico RP-18, XpressStep or XpressStep Premium adhesive under hospital beds and heavy rolling load areas. Use Amtico RP-18 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/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, 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
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 20 Year Commercial Warranty Limited 20 Year Quantum Guard Elite® Wear Warranty