



Realities® II Collection

Mannington
COMMERCIAL



Cover: Southern Oak II - Antique 5611R
Above: Boardwalk - Birke 5668R



Antique Oak II - Smoky 5607R



Persian Walnut - Cypress 5672R







Maple Creek - Hornwood 5692R
(inset) **Maple Grove II** - Saddle 5622R



English Walnut - Kelen 5684R

Realities II Collection



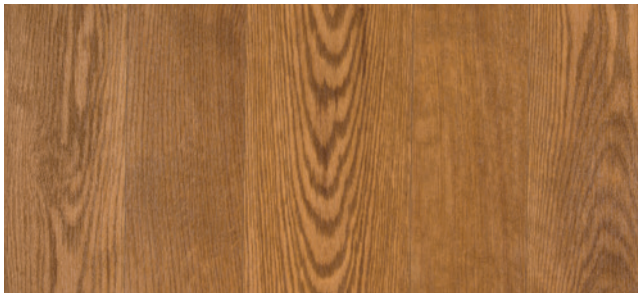
Antique Oak II

Natural 5604R



Antique Oak II

Tamarind 5605R



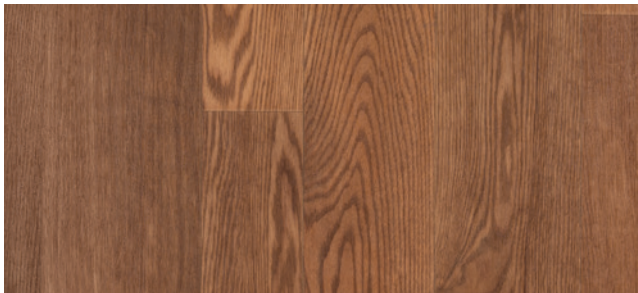
Antique Oak II

Pecan 5602R



Antique Oak II

Date 5606R



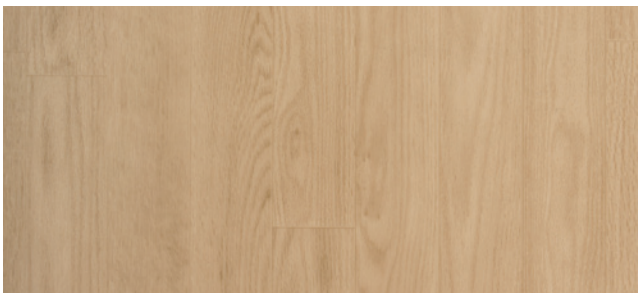
Antique Oak II

Nutmeg 5601R



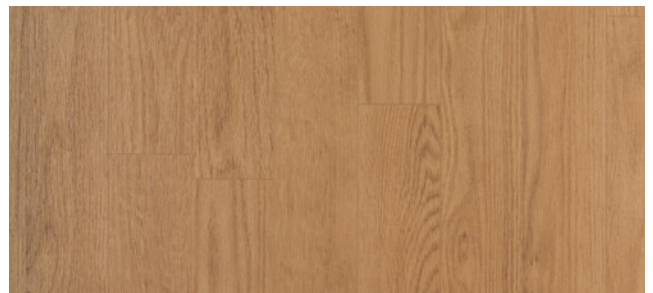
Antique Oak II

Smoky 5607R



Southern Oak II

Cotton 5615R



Southern Oak II

Winchester 5613R

Realities II Collection



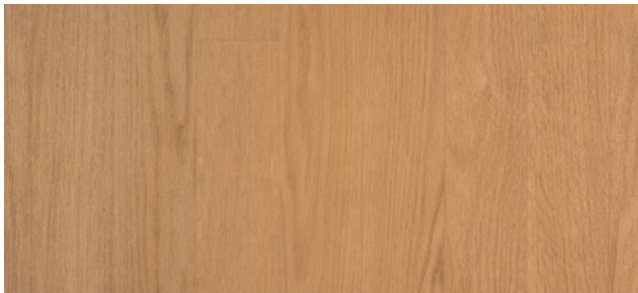
Southern Oak II

Antique 5611R



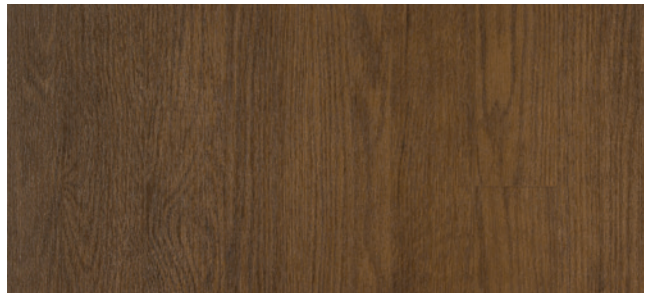
Southern Oak II

Rich Oak 5614R



Southern Oak II

Honeytone 5612R



Southern Oak II

Traditional 5616R



Maple Grove II

Pine 5627R



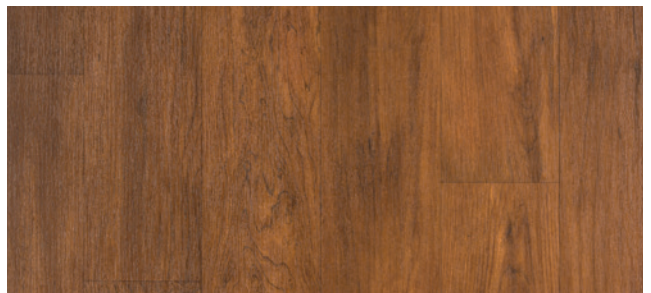
Maple Grove II

Saddle 5622R



Maple Grove II

Honey 5624R



Maple Grove II

Cherry 5625R

Realities II Collection



Maple Grove II

Teak 5623R



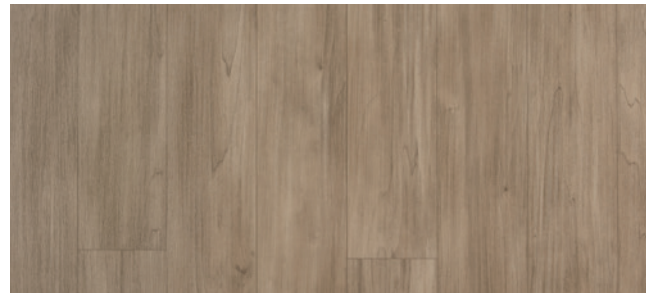
Maple Grove II

Creek 5628R



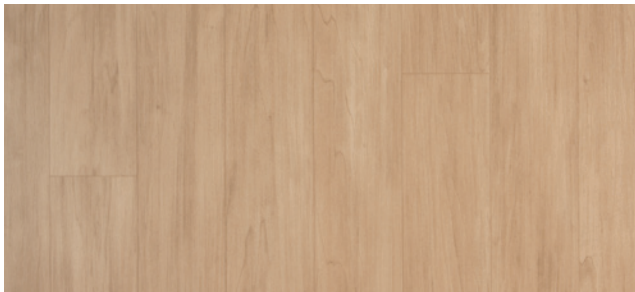
Maple Creek

Norway 5691R



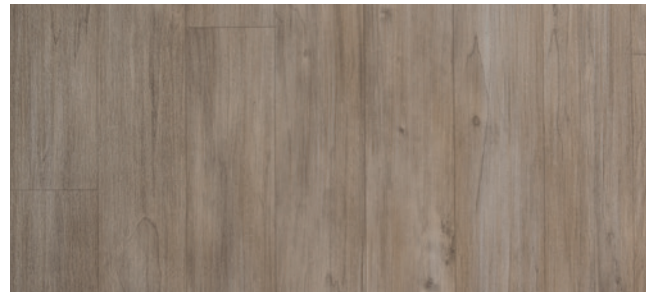
Maple Creek

Paperbark 5694R



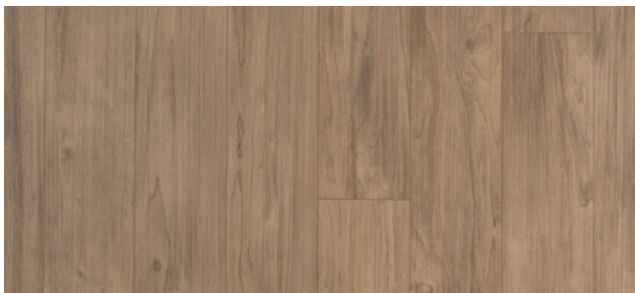
Maple Creek

Hornwood 5692R



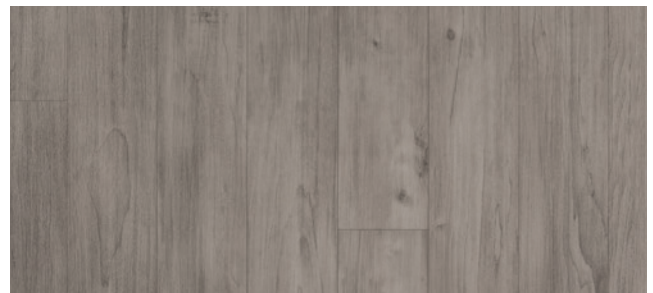
Maple Creek

Harewood 5695R



Maple Creek

Drummond 5693R



Maple Creek

Sycamore 5696R

Realities II Collection



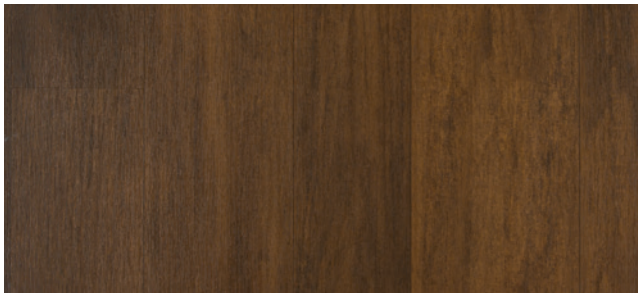
Persian Walnut

Oudh 5675R



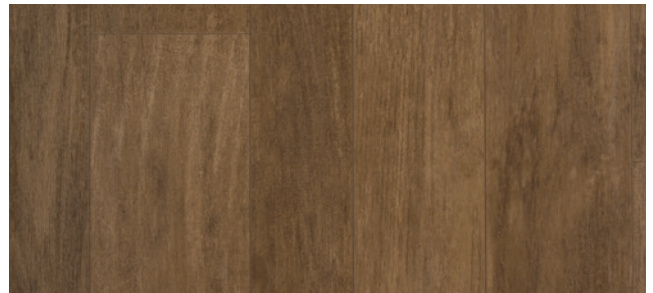
Persian Walnut

Cypress 5672R



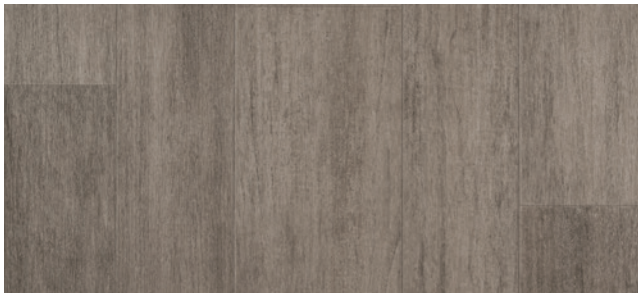
Persian Walnut

Frankincense 5676R



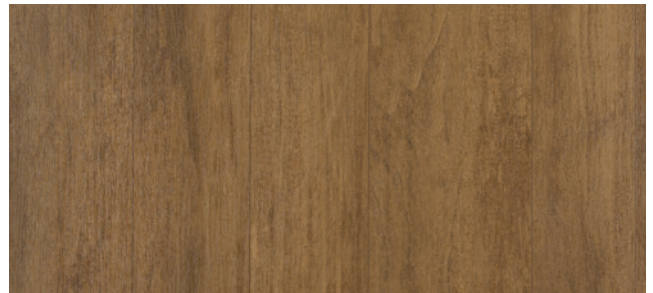
Persian Walnut

Myrrh 5674R



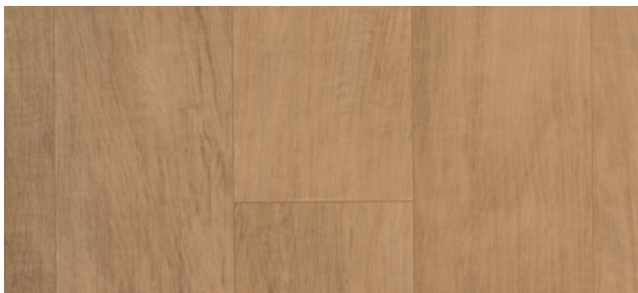
Persian Walnut

Balsam 5671R



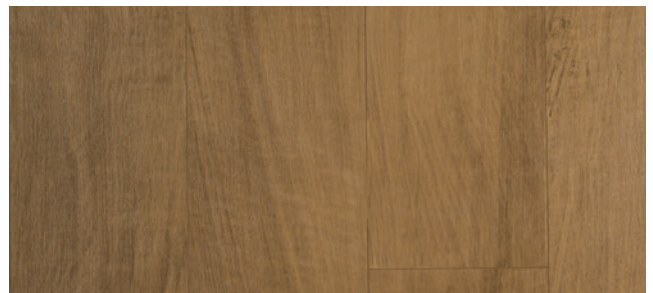
Persian Walnut

Jasmine 5673R



English Walnut

Alder 5681R



English Walnut

Filbert 5682R

Realities II Collection



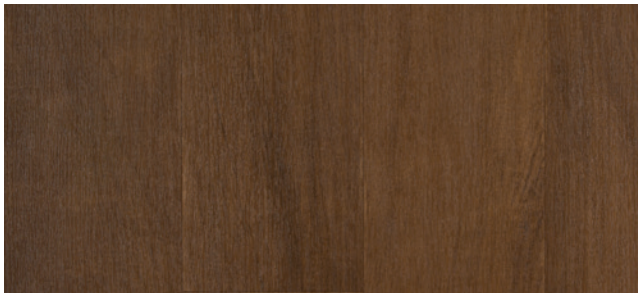
English Walnut

Hawthorn 5683R



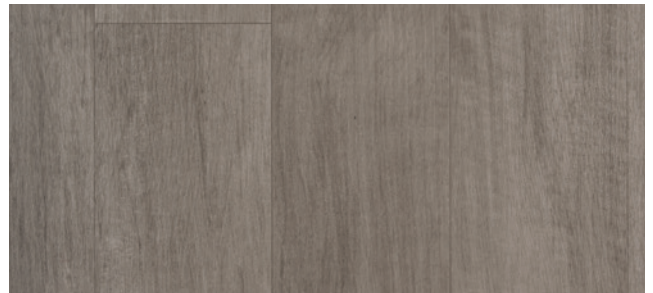
English Walnut

Kelen 5684R



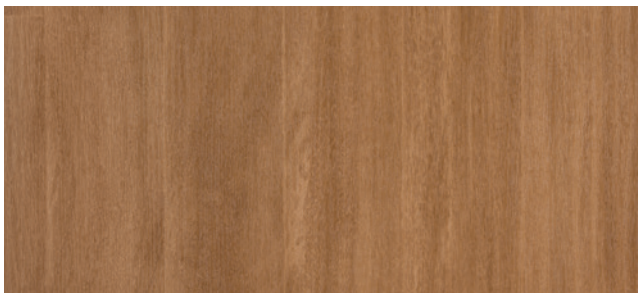
English Walnut

Rowan 5685R



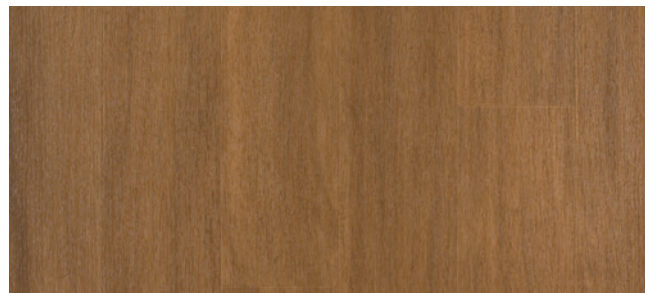
English Walnut

Boyd 5686R



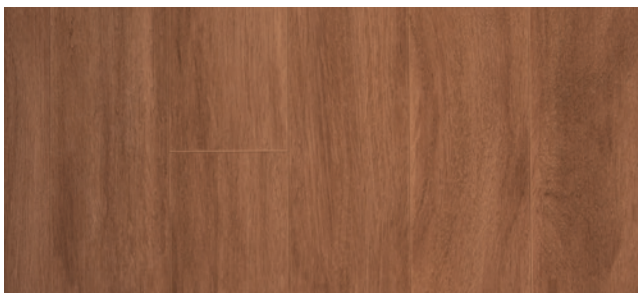
Wild Cherry

Shaker 5645R



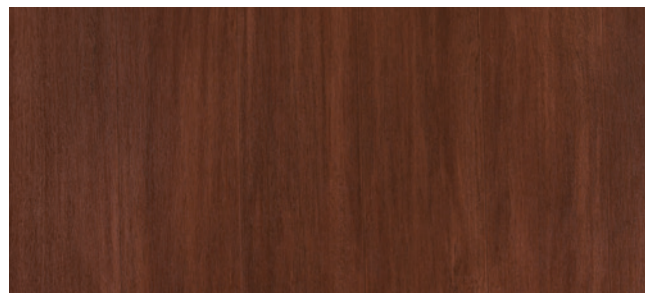
Wild Cherry

Cedar 5646R



Wild Cherry

Amber 5647R



Wild Cherry

Brighton 5648R

Realities II Collection



Wild Cherry

Laurel 5649R



Wild Cherry

Ceylon 5650R



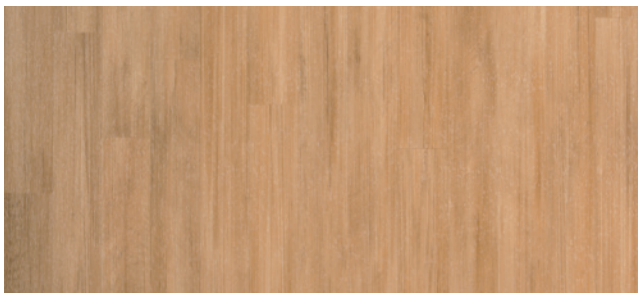
Boardwalk

Coconut 5667R



Boardwalk

Sugarcane 5665R



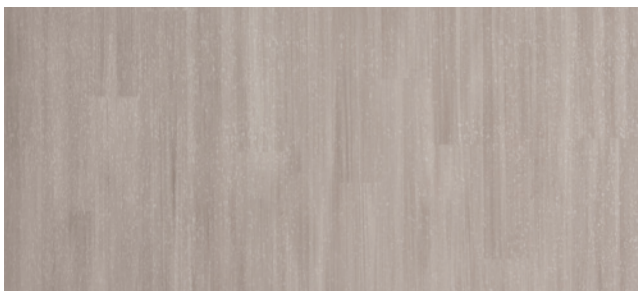
Boardwalk

Honeytone 5664R



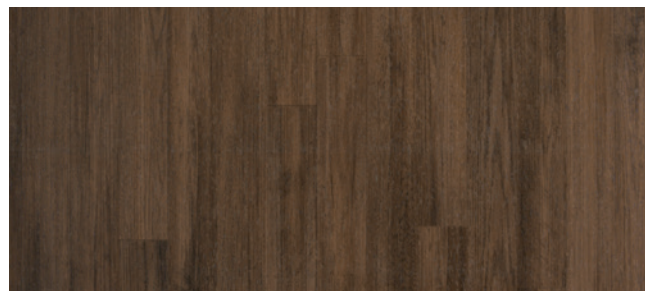
Boardwalk

Nettle 5669R



Boardwalk

Birke 5668R



Boardwalk

Sparrow 5662R



Success Is in Our Science

Introducing Quantum Guard Elite, the patent-pending technology that provides the complete performance solution for heterogeneous sheet flooring.

- Engineered for ease of cleaning and reduced maintenance costs
- Highest abrasion resistance in the industry
- Advanced stain resistance
- Excellent slip resistance

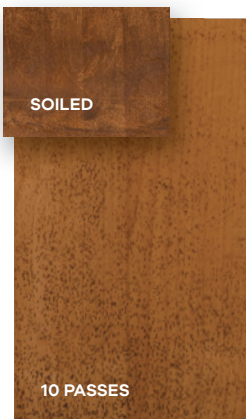
Cleans Better Than Competitors

Quantum Guard Elite

Leading Competitor



10 PASSES



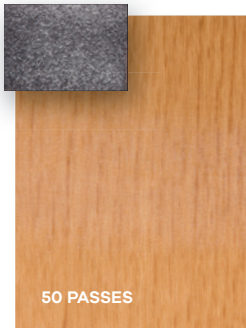
10 PASSES

Advanced urethane chemistry and an optimized texture make resilient sheet with Quantum Guard Elite easy to clean. *(Results after 10 passes with a wet microfiber mop on soiled floor.)*

Best-in Class Abrasion Resistance

Quantum Guard Elite

Leading Competitor



50 PASSES



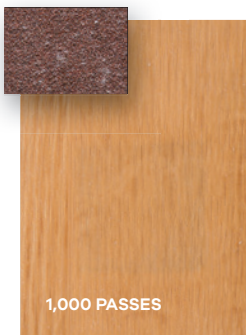
50 PASSES

Our proprietary blend of aluminum oxide particles is suspended evenly through the urethane top coat, giving the industry's best abrasion resistance. *(Results after 50 passes with sanding block.)*

Stain Resistance That Endures

Quantum Guard Elite

Leading Competitor



1,000 PASSES



1,000 PASSES

With new protective compounds from the aerospace industry and dentistry, Quantum Guard Elite's stain resistance performs over time at the same high level as the day it was installed. *(Results after 1,000 passes with a sanding block, staining with a blue Sharpie and cleaning with an alcohol wipe.)*

Warranted to Work

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

Fresh aesthetics, engineered to perform.

Realities II brings natural beauty to high-performance heterogeneous sheet flooring. The collection features Quantum Guard® Elite technology and a new texture to provide exceptional ease of cleaning, reduced maintenance costs and long-term durability. The eight patterns include woods and a wood-hybrid, offered in a variety of plank widths and 48 colors in total. With a range of traditional, transitional and modern wood visuals, Realities II delivers unsurpassed performance and sophisticated style to all types of environments.



Persian Walnut - Balsam 5671R

Realities II® Collection

Style	Antique Oak II, Boardwalk, English Walnut, Maple Creek, Maple Grove II, Persian Walnut, Southern Oak II, Wild Cherry
Construction	Heterogeneous Sheet (Non-ortho phthalate construction)
Classification	ASTM F1303 Type I, Grade 1, Class B
Total Thickness	0.080" (2.03 mm)
Wear Layer Thickness	0.020" (0.51 mm)
Wear Layer	Quantum Guard Elite®
Width	6' (1.83 m), 9' (2.75 m), 12' (3.66 m)
Colors	6 each style
Pattern Repeat	36" L x 72" W - Boardwalk, English Walnut, Maple Creek, Persian Walnut, Wild Cherry 48" L x 48" W - Maple Grove II, Southern Oak II 48" L x 72" W - Antique Oak II
Packaging	6' - 30-50 yd ² (25.0-41.8 m ²) 9' - 30-75 yd ² (25.0-62.7 m ²) 12' - 30-100 yd ² (25.0-83.6 m ²)
Weight	4.7 lbs/yd ² (2.55 kg/m ²)
Adhesive	Porous & Non-porous Substrates: V-88 Full Spread, Transitional Pressure Sensitive, High Moisture V-95 Full Spread, 2-part Epoxy XpressStep for LVT & Sheet Vinyl Full Coverage Spray Porous Substrates Only: V-82 Full Spread, Acrylic Base Note: Must use V-95 or XpressStep adhesive 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.
Seam Method	Mannington Commercial Weld Rods or MLG-33 Chemical Seam Sealer. Mannington Seam Coater Pen for high traffic areas. Note: Heat welding is the recommended procedure for healthcare and high traffic applications.
Testing	
HUD/FHA	Meets / Exceeds
ADAG (American Disability Act Guidelines)	Passes
Flexibility (ASTM F790)	Passes - 1/4" Mandrel - No Crack/Break
Static Load (ASTM F970)	Passes - Residual Indent ≤ 0.005"
Static Load (ASTM F970 mod.)	Passes - 2,000 PSI; Residual Indent ≤ 0.005"
Rolling Resistance/Caster Chair (ISO 4918)	25,000 Cycles, No Significant Change
Short Term Residual Indentation (ASTM F1914/F1303)	Passes - Must be ≤ 0.012"
Flooring Radiant Panel (ASTM E648)	Passes - Class 1; ≥ 0.45 watts/cm ²
Smoke Density (ASTM E662)	Passes - ≤ 450
Slip Resistance (ASTM C1028, Dry)	Passes - ≥ 0.5 Leather; 0.6 Rubber
Acoustic IIC (ASTM E492)	50 - 6" Concrete with Drop Ceiling
Acoustic STC (ASTM E90)	63 - 6" Concrete with Drop Ceiling
Resistance to Light (ASTM F1515)	Passes - < 8 Delta E Color Change
Chemical Resistance (ASTM F925)	Passes - No More Than Slight Change
Resistance to Heat (ASTM F1514)	Passes - < 8 Delta E Color Change
Resistance to Mold/Mildew (ASTM G21/E2180)	Passes - No More Than Slight Change
Environmental Data	
Indoor Air Quality	FloorScore Certified; CDPH v1.1-2010
Product Declarations	EPD
LEED Scoreboard	May contribute to LEED credits: LEED 2009: MRc5 Regional Materials; IEQ4.1 Low Emitting Adhesives; IEQ4.3 Low Emitting Materials - Flooring LEED v4: Building Product Disclosure & Optimization - EPDs; IEQc2 - Low Emitting Materials
mindful MATERIALS	Visit mM Origin website, mindfulmaterials.origin.build, for current transparency information
Manufacturing	Salem, NJ (USA) - ISO 14001 EMS Registered
Warranty	
	Limited 10 Year Commercial Warranty Limited 10 Year Quantum Guard Elite® Wear Warranty

Note: Visual/Color variations can occur from roll to roll. This variation does not affect product performance.