



Mannington Assurance[®] III

Mannington
COMMERCIAL



Cover: Mannington Assurance III - Tide Pool 16354, Hailstone 16350
Above: Mannington Assurance III - Slate 16342

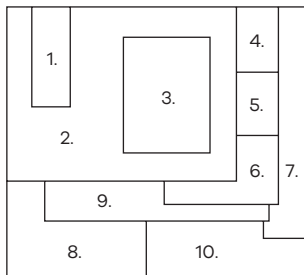


Mannington Assurance® III Coordinates

Our flooring integrates seamlessly across product types and collections, so you can build an inspired flooring palette for your spaces without sacrificing form for function. Choose LVT in wood or abstract styles for a cool complement to the organic designs of Mannington Assurance III. Bring in patterns from our carpet collections to add textural depth and richness.



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|---|--------------------------------------|
| 1. Raffia, Alfalfa | 5. Mannington Assurance III, Riviera |
| 2. Nature's Paths, Wood, American Walnut, Natural | 6. Vivendi, Circ, Peridot |
| 3. Discovery, Reveal, Destiny | 7. Mannington Assurance III, Khaki |
| 4. Nature's Paths, Wood, Heritage Cherry, Natural | 8. Discovery, Encounter, Luck |
| | 9. Raffia, Sorrel |



1. Nature's Paths, Wood, American Walnut, Saddle
2. Glitch Art, Hub, Audio Tag
3. Mannington Assurance III, Ice Cap
4. Color Anchor, Arc, Honey Bee
5. Color Anchor, Arc, Pea Shoot
6. Color Anchor, Arc, Pavo
7. Nature's Paths, Wood, Windsor Oak, Ashen
8. Mannington Assurance III, Hailstone
9. Mannington Assurance III, Slate
10. Quadrant, Align, Acute



QUANTUM GUARD®
elite

Success Is in Our Science

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

- Engineered to trap less dirt, delivering ease of cleaning and reduced maintenance costs
- Industry-leading stain resistance outperforms competing products
- Excellent slip resistance for enhanced safety
- Advanced light resistance keeps colors beautiful

Cleans Better Than Competitors

Quantum Guard Elite



10 PASSES

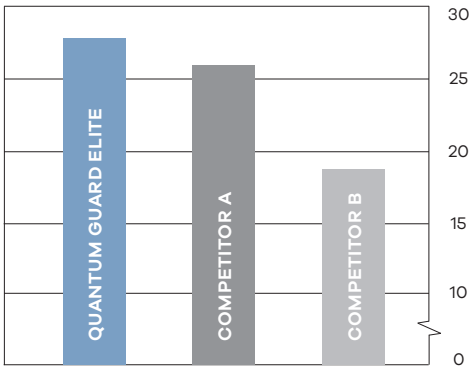
Leading Competitor



10 PASSES

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

Excellent Slip Resistance



BRITISH PENDULUM NUMBER

Quantum Guard Elite is engineered to provide greater slip resistance, improving the safety of the facility by helping reduce slip and fall hazards. (Results from testing with the British Pendulum Tester, ASTM E303.)

Industry-Leading Stain Resistance

Quantum Guard Elite



Leading Competitor



With new protective compounds from the aerospace industry and dentistry, Quantum Guard Elite leads the industry in resistance to stains, including tough medical staining agents. (Results after applying multiple medical staining agents to flooring, waiting one hour and wiping with an alcohol wipe.)

Warranted to Work

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

Mannington Assurance® III

Style	Mannington Assurance III
Construction	Homogeneous Slip Resistant Sheet (Non-ortho phthalate)
Classification	ASTM F1913 Sheet Vinyl Floor Covering without Backing
Total Thickness	0.080" (2.03 mm)
Wear Layer	Quantum Guard Elite®
Width	6'6" (2 m)
Colors	16
Pattern Repeat	Random repeat, reverse sheet for seaming
Packaging	30-73 yd² (25.1-61.04 m²) (73 yd² roll is approx. 100 lineal feet)
Weight	6.5 lbs/yd² (3.53 kg/m²)
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.
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 or Exceeds
ADAG (American Disability Act Guidelines)	Passes
Flexibility (ASTM F137)	Passes - 1 1/2" 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 < 0.007"
Flooring Radiant Panel (ASTM E648)	Passes - Class 1; ≥ 0.45 watts/cm²
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 & ISO 9001 QMS Registered
Warranty	
	Limited 5 Year Commercial Warranty Limited 5 Year Quantum Guard Elite® Wear Warranty

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