



Color Anchor Collection

**Mannington**  
COMMERCIAL



**Cover: Prism** - Maneto Meadow 15437, **Color Anchor Modular Carpet** - Meadow 43650, **Groove** - Grassy Meadow C105, Sugar Snap C106, **BioSpec MD** - Salt 15421  
**Above: Prism** - Zucca 15431, **Arc** - Morning Twinkle ETW555, Island Azure ETW556, **BioSpec MD** - Bright White 15246



Arc - Allegro Poppy ETW550, BioSpec MD - Granite 15425, Iron 15368, Basic Black 15383, New Glacier 15364





**Prism** - Scottish Thistle 15429, Hummingbird 15430, Buzzy Bee 15432, Zucca 15431, **BioSpec MD** - Granite 15425, New Glacier 15364, Talpa 15418



QUANTUM GUARD®  
elite

### 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



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



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



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.



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

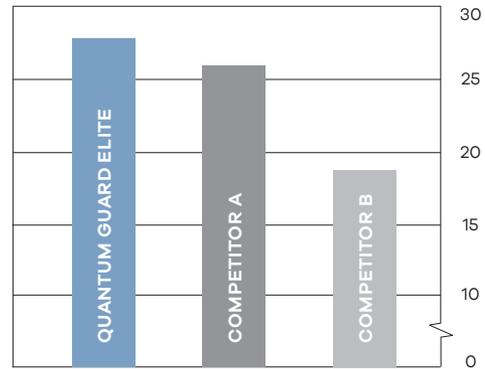
Quantum Guard Elite

Leading Competitor



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



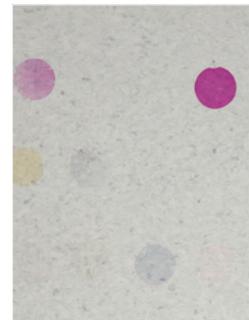
BRITISH PENDULUM NUMBER

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.

## Color Anchor Collection

Style	Arc
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" (.51 mm)
Wear Layer	Quantum Guard Elite®
Width	6' (1.83 m), 9' (2.75 m), 12' (3.66 m)
Colors	10
Pattern Repeat	36"L x 72"W
Packaging	6': 30-50 yd <sup>2</sup> (25.0-41.8 m <sup>2</sup> ) 9': 30-75 yd <sup>2</sup> (25.0-62.7 m <sup>2</sup> ) 12': 30-100 yd <sup>2</sup> (25.0-83.6 m <sup>2</sup> )
Weight	5.0 lbs/yd <sup>2</sup> (2.71 kg/m <sup>2</sup> )
Adhesive	<b>Porous and Non-porous Substrates:</b> <b>V-88</b> Full Spread, Transitional Pressure Sensitive, High Moisture <b>V-95</b> Full Spread, 2-part Epoxy <b>XpressStep</b> for LVT & Sheet Vinyl Full Coverage Spray <b>Porous Substrates Only:</b> <b>V-82</b> Full Spread, Acrylic Base <b>Note:</b> 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.
<b>Testing</b>	
HUD/FHA	Meets / Exceeds
ADAG (American Disability Act Guidelines)	Passes
Flexibility (ASTM F137)	Passes - 1/4" Mandrel - No Crack/Break
Static Load (ASTM F970)	Passes - Residual Indent ≤ 0.005"
Static Load (ASTM F970 mod.)	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 <sup>2</sup>
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
<b>Environmental Data</b>	
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
<b>Warranty</b>	
	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.

## Color Anchor Collection

Style	Prism
Construction	Homogeneous Sheet (Non-ortho phthalate construction)
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	10
Pattern Repeat	Random repeat, reverse sheet for seaming
Packaging	30-73 yd <sup>2</sup> (25.1-61.04 m <sup>2</sup> ) (73 yd <sup>2</sup> roll is approx. 100 lineal feet)
Weight	5.6 lbs/yd <sup>2</sup> (3.04 kg/m <sup>2</sup> )
Adhesive	<b>Porous &amp; Non-porous Substrates:</b> <b>V-88</b> Full Spread, Transitional Pressure Sensitive, High Moisture <b>V-95</b> Full Spread, 2-part Epoxy <b>XpressStep</b> for LVT & Sheet Vinyl Full Coverage Spray <b>Porous Substrates Only:</b> <b>V-82</b> Full Spread, Acrylic Base  <b>Note:</b> 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 MCS-42 Chemical Seam Sealer with VST-96 Application Kit. Mannington Seam Coater Pen for high traffic areas. Note: Heat welding is the recommended procedure for healthcare and high traffic applications.
<b>Testing</b>	
HUD/FHA	Meets / 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/cm <sup>2</sup>
Smoke Density (ASTM E662)	Passes - ≤ 450
Slip Resistance (ASTM C1028, Dry)	Passes - ≥ 0.5 Leather; 0.6 Rubber
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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
<b>Environmental Data</b>	
Recycled Content	Contains 5% post-consumer recycled content
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; MRc4 Recycled Content LEED v4: Building Product Disclosure & Optimization - EPDs; Building Product Disclosure & Optimization - Sourcing Raw Materials; 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
<b>Warranty</b>	
	Limited 10 Year Commercial Warranty Limited 10 Year Quantum Guard Elite® Wear Warranty

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