

Style	BioSpec® MD
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	68
Pattern Repeat	Random repeat, reverse sheet for seaming
Packaging	30-73 yd ² (25.1-61.04 m ²) (73 yd ² roll is approx. 100 lineal feet)
Weight	6.5 lbs/yd ² (2.948 kg/m ²)
Adhesive	Porous & Non-porous Substrates: V-95 Full Spread, 2-part Epoxy MoistureLoc Full Spread, One-Component V-88 Full Spread XpressStep for LVT & Sheet Vinyl Full Coverage Spray Note: Must use V-95, MoistureLoc, QuickStix 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 QuickStix should be used.
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. 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 F137)	Passes - 1 1/2" Mandrel - No Crack/Break
Static Load (ASTM F970)	Passes - Residual Indent ≤ 0.005"
Static Load (ASTM F970 mod.)	
Rolling Resistance/Coster Chair (ISO 4918)	Passes - 2,000 PSI; Residual Indent ≤ 0.005"
Short Term Residual Indentation (ASTM F1914/F1303)	25,000 Cycles, No Significant Change
Flooring Radiant Panel (ASTM E648)	Passes - Must be < 0.007"
Smoke Density (ASTM E662)	Passes - Class 1; ≥ 0.45 watts/cm ²
Slip Resistance (ASTM C1028, Dry)	Passes - ≤ 450
Acoustic IIC (ASTM E492)	Passes - ≥ 0.5 Leather; 0.6 Rubber
Acoustic STC (ASTM E90)	50 - 6" Concrete with Drop Ceiling
Resistance to Light (ASTM F1515)	63 - 6" Concrete with Drop Ceiling
Chemical Resistance (ASTM F925)	Passes - < 8 Delta E Color Change
Resistance to Heat (ASTM F1514)	Passes - No More Than Slight Change
Resistance to Mold/Mildew (ASTM G21/E2180)	Passes - < 8 Delta E Color Change
Environmental Data	
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 - IEQc2 - Low Emitting Materials
mindful MATERIALS	Visit mindfulmaterials.com for current transparency information
Manufacturing	Salem, NJ (USA) - ISO 14001 EMS & ISO 9001 QMS Registered, +Vantage Vinyl Verified Silver
Warranty	
	Limited 12-Year Commercial Warranty
	Limited 12-Year Quantum Guard Elite® Wear Warranty

Note: Visual/Color variations can occur from roll to roll. This variation does not affect product performance. Dye lot maximum of 1,000SY.