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)
Finish	Quantum Guard® HP
Width	6'6" (2 m)
Colors	70
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-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 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.

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 - Resid. Indent ≤ 0.005"
Static Load (ASTM F970 mod.)	Passes - 2,000 PSI; Resid. 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^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	
NSF/ANSI 332 Certification	Gold
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: MRc4 Recycled Content; 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; 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 10 Year Commercial Warranty Limited 10 Year Quantum Guard® HP Wear Warranty

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

Crafted with purpose

For more information, contact your local Mannington representative or visit manningtoncommercial.com