

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 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) Packaging may differ for QuickStix®.
Weight	5.0 lbs/yd ² (2.71 kg/m ²)
Adhesive	Porous and 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 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 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 12 Year Commercial Warranty Limited 12 Year Quantum Guard Elite® Wear Warranty

Crafted with Purpose

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