

<b>Style</b>	<b>Antique Oak II, Boardwalk, English Walnut, Maple Creek, Maple Grove II, Persian Walnut, Southern Oak II, Wild Cherry</b>
<b>Construction</b>	Heterogeneous Sheet (Non-ortho phthalate construction)
<b>Classification</b>	ASTM F1303 Type I, Grade 1, Class B
<b>Total Thickness</b>	0.080" (2.03 mm)
<b>Wear Layer Thickness</b>	0.020" (0.51 mm)
<b>Wear Layer</b>	Quantum Guard Elite®
<b>Width</b>	6' (1.83 m), 9' (2.75 m), 12' (3.66 m)
<b>Colors</b>	6 each style
<b>Pattern Repeat</b>	36" L x 72" W - Boardwalk, English Walnut, Maple Creek, Persian Walnut, Wild Cherry 48" L x 48" W - Maple Grove II, Southern Oak II 48" L x 72" W - Antique Oak II
<b>Packaging</b>	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> )
<b>Weight</b>	4.7 lbs/yd <sup>2</sup> (2.55 kg/m <sup>2</sup> )
<b>Adhesive</b>	<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.
<b>QuickStix®</b>	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.
<b>Seam Method</b>	Mannington Commercial Weld Rods or MLG-33 Chemical Seam Sealer. Mannington Seam Coater Pen for high traffic areas. <b>Note:</b> Heat welding is the recommended procedure for healthcare and high traffic applications.
<b>Testing</b>	
<b>HUD/FHA</b>	Meets / Exceeds
<b>ADAG (American Disability Act Guidelines)</b>	Passes
<b>Flexibility (ASTM F790)</b>	Passes - 1/4" Mandrel - No Crack/Break
<b>Static Load (ASTM F970)</b>	Passes - Residual Indent ≤ 0.005"
<b>Static Load (ASTM F970 mod.)</b>	Passes - 2,000 PSI; Residual Indent ≤ 0.005"
<b>Rolling Resistance/Caster Chair (ISO 4918)</b>	25,000 Cycles, No Significant Change
<b>Short Term Residual Indentation (ASTM F1914/F1303)</b>	Passes - Must be ≤ 0.012"
<b>Flooring Radiant Panel (ASTM E648)</b>	Passes - Class 1; ≥ 0.45 watts/cm <sup>2</sup>
<b>Smoke Density (ASTM E662)</b>	Passes - ≤ 450
<b>Slip Resistance (ASTM C1028, Dry)</b>	Passes - ≥ 0.5 Leather; 0.6 Rubber
<b>Acoustic IIC (ASTM E492)</b>	50 - 6" Concrete with Drop Ceiling
<b>Acoustic STC (ASTM E90)</b>	63 - 6" Concrete with Drop Ceiling
<b>Resistance to Light (ASTM F1515)</b>	Passes - < 8 Delta E Color Change
<b>Chemical Resistance (ASTM F925)</b>	Passes - No More Than Slight Change
<b>Resistance to Heat (ASTM F1514)</b>	Passes - < 8 Delta E Color Change
<b>Resistance to Mold/Mildew (ASTM G21/E2180)</b>	Passes - No More Than Slight Change
<b>Environmental Data</b>	
<b>Indoor Air Quality</b>	FloorScore Certified; CDPH v1.1-2010
<b>Product Declarations</b>	EPD
<b>LEED Scoreboard</b>	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
<b>mindful MATERIALS</b>	Visit mM Origin website, <a href="http://mindfulmaterials.origin.build">mindfulmaterials.origin.build</a> , for current transparency information
<b>Manufacturing</b>	Salem, NJ (USA) - ISO 14001 EMS Registered
<b>Warranty</b>	
	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.

## Crafted with Purpose

For more information, contact your local Mannington Commercial representative or visit [manningtoncommercial.com](http://manningtoncommercial.com)