

| Style  | <b>Antique Oak II, Boardwalk, English Walnut, Maple Creek, Maple Grove II, Persian Walnut, Southern Oak II, Wild Cherry</b>   |
|--|---|
| Construction   | Heterogeneous Sheet (Non-ortho phthalate construction)  |
| Classification                                       | ASTM F1303 - Type 1, Grade 1, Class B   |
| Total Thickness                                      | .080" (2.03 mm)   |
| Wear Layer Thickness                                 | .020" (.51 mm)  |
| Finish   | Quantum Guard® Elite  |
| Width  | 6' (1.83 m), 9' (2.75 m), 12' (3.66 m)  |
| Colors   | 6 each style  |
| Pattern Repeat                                       | 36"L x 72"W - Boardwalk, English Walnut, Maple Creek, Persian Walnut, Wild Cherry<br>48"L x 48"W - Maple Grove II, Southern Oak II<br>48"L x 72"W - Antique Oak II  |
| Packaging  | 6': 30 - 50 sq. yd. (25.0 - 41.8 sq. m)<br>9': 30 - 75 sq. yd. (25.0 - 62.7 sq. m)<br>12': 30 - 100 sq. yd. (25.0 - 83.6 sq. m)   |
| Weight   | 4.7 lbs./sq. yd. (2.55 kg/sq. m)  |
| Adhesive   | <b>Porous &amp; Non-Porous Substrates:</b><br><b>V-88</b> Full Spread, Transitional Pressure Sensitive, High Moisture<br><b>V-95</b> Full Spread, 2-part Epoxy<br><b>XpressStep</b> for LVT & Sheet Vinyl, Full Coverage Spray<br><b>Porous Substrates Only:</b><br><b>V-82</b> Full Spread, Acrylic Base<br><b>Note:</b> Must use V-95 or XpressStep for LVT & Sheet Vinyl 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 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>                                       |   |
| HUD/FHA  | Meets or exceeds  |
| ADAG (American Disability Act Guidelines)            | Passes  |
| Flexibility (ASTM F790)                              | Passes - 1/4" No Crack/Break  |
| Static Load (ASTM F970)                              | Passes - Resid. Indent ≤ 0.005 in.  |
| Static Load (ASTM F970 mod.)                         | 2,000 PSI; Resid. Indent ≤ 0.005 in.  |
| Rolling Resistance/Castor Chair (ISO 4918)           | 25,000 Cycles, No Significant Change  |
| Short Term Residual Indentation (ASTM F1914 / F1303) | Passes - Must Be ≤ 0.012 in.  |
| Flooring Radiant Panel (ASTM E648)                   | Passes - Class 1; ≥ 0.45 watts/cm2  |
| 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  |
| LEED Scoreboard                                      | May contribute to LEED credits<br>LEED 2009: MRc5 Regional Materials; IEQ4.1 Low Emitting Adhesives; IEQ4.3 Low Emitting Materials - Flooring<br>LEED v4: Building Product Disclosure & Optimization - EPDs; IEQc2 - Low Emitting Materials<br>EPD<br>Visit mM Origin website, <a href="http://mindfulmaterials.origin.build">mindfulmaterials.origin.build</a> , for current transparency information<br>Salem, NJ (USA) - ISO 14001 EMS Registered  |
| Product Declarations                                 |   |
| mindful Materials                                    |   |
| Manufacturing  |   |
| <b>Warranty</b>                                      |   |
|  | Limited 10 Year Commercial Warranty<br>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.

## Crafted with purpose

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