**Mannington**
COMMERCIAL

| Style | Stone | |
|---|---|---|
| Construction | Luxury Vinyl Tile Non-ortho Phthalate | |
| Classification | ASTM F1700 Class III, Type B | |
| Overall Thickness | 0.098" (2.5 mm) | |
| Wear Layer Thickness | 40 mil (1 mm) | |
| Wear Layer | Quantum Guard Elite® | |
| Edge Treatment | Micro-beveled or Unbeveled | |
| Sizes | 12" x 12" (305 x 305 mm) | 4" x 36" (102 x 915 mm) |
| | 12" x 18" (305 x 457 mm) | 6" x 36" (152 x 915 mm) |
| | 12" x 24" (305 x 610 mm) | 6" x 48" (152 x 1219 mm) |
| | 18" x 18" (457 x 457 mm) | 9" x 36" (229 x 915 mm) |
| | 18" x 36" (457 x 915 mm) | 9" x 48" (229 x 1219 mm) |
| | 18" x 48" (457 x 1219 mm) | |
| Colors | 35 | |
| Packaging | 12" x 12" – 45 pcs, 45 ft2 (4.181 m2), 33.71 lbs (15.29 kg) | 4" x 36" – 45 pcs, 45 ft† (4.181 m†), 33.71 lbs (15.29 kg) |
| | 12" x 18" – 30 pcs, 45 ft2 (4.181 m2), 33.71 lbs (15.29 kg) | 6" x 36" – 30 pcs, 45 ft† (4.181 m†), 33.71 lbs (15.29 kg) |
| | 12" x 24" – 20 pcs, 40 ft2 (3.716 m2), 29.96 lbs (13.59 kg) | 6" x 48" – 24 pcs, 48 ft† (4.46 m†), 32.06 lbs (14.54 kg) |
| | 18" x 18" – 20 pcs, 45 ft2 (4.181 m2), 33.71 lbs (15.29 kg) | 9" x 36" – 20 pcs, 45 ft† (4.181 m†), 33.71 lbs (15.29 kg) |
| | 18" x 24" – 15 pcs, 45 ft2 (4.181 m2), 30.06 lbs (13.63 kg) | 9" x 48" – 15 pcs, 45 ft2 (4.181 m2), 30.06 lbs (13.63 kg) |
| | 18" x 36" - 11 pcs, 49.5 ft† (4.59 m†), 37.08 lbs (16.82 kg) | |
| | 18" x 48" – 7 pcs, 42 ft† (3.902 m†), 31.46 lbs (14.27 kg) | |
| Adhesive | Packaging may differ for QuickStix® Porous & Non-porous Substrates: V-88 Full Spread MoistureLoc Full Spread, One Component V-95 Full Spread, 2-part Epoxy XpressStep for LVT & Sheet Vinyl Full Coverage Spray Note: Must use V-95, MoistureLoc, 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-95RU MoistureLoc 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 | |
| Installation Method | All arrows in the same direction. Tiles should be installed block or staggered; when quarter turned, arrows should alternate | |

**Testing**

| | | |
|---|---|---|
| HUD/FHA | Passes | |
| Flexibility (ASTM F137) | Passes - 1" Mandrel - No Crack/Break | |
| Dimensional Stability (ASTM F2199) | Passes - Max 0.020 in/lin ft | |
| Squareness (ASTM F2055) | Passes - Max 0.010" | |
| Static Load (ASTM F970 mod.) | Passes - 2,000 PSI; Residual Indent ≤ 0.005" | |
| Residual Indentation (ASTM F1914) | Passes - < 8% Avg / 10% Single Value | |
| Flooring Radiant Panel (ASTM E648) | Passes - Class 1; ≥ 0.45 watts/cm2 | |
| Smoke Density (ASTM E662) | Passes - ≤ 450 | |
| Slip Resistance (ASTM C1028) | Passes - ≥ 0.5 Leather; 0.6 Rubber | |
| Resistance to Light (ASTM F1515) | Passes | |
| Chemical Resistance (ASTM F925) | Passes | |
| Resistance to Heat (ASTM F1514) | Passes | |

**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 - Material Ingredients; IEQc2 - Low Emitting Materials |
| mindful MATERIALS | Visit mindfulmaterials.com for current transparency information |
| Manufacturing | Madison, GA (USA) - ISO 14001 EMS & ISO 9001 QMS Registered, +Vantage Vinyl Verified Silver |

**Warranty**

Limited 25-Year Commercial Warranty
Limited 25-Year Quantum Guard Elite® Wear Warranty