

### **PHYSICAL CONSTRUCTION**

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Construction	Heterogeneous Light Commercial (Non-Phthalate Construction)
Wear Layer	Quantum Guard HP Urethane Aluminum Oxide Topcoat Cured by UV Process
Size	12' (3.66 m)
Wearlayer Thickness	.020 inches (.51 mm)
Overall Thickness	.080 inches (2.03 mm)
Weight Per Square Yard	3.3 lbs (1.77 kg per m <sup>2</sup> )
Roll (Min. – Max.)	35 sq. yds. – 170 sq. yds. (29.3 – 142.5 sq. m.)
Static Load Limit	175 psi

### **ENVIRONMENTAL**

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3<sup>rd</sup> Party Certified Industry-wide Type III EPD  
FloorScore Indoor Air Quality – CDPH Standard Method v1.1-2010  
Manufacture Location: Salem, NJ USA  
ISO 14001 Registered Manufacturing Facility

### **TESTING**

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ASTM Specification (F-1303)	Type 1, Grade 1, Class A
HUD/FHA Requirements	Exceeds
Electrical Resistance, EN1815	≤ 2 kv
Static Coefficient of Friction (ASTM C1028)	Meets or exceeds ADA Guidelines (≥ 0.6)
Flooring Radiant Panel Test (ASTM-E-648)	≥ .45 watts/cm <sup>2</sup> , Passes (Class I)
N.B.S. Smoke Chamber Test (ASTM-E-662)	<450 - Passes

### **WARRANTIES**

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Warranty	Limited 10 Year Light Commercial Warranty Limited 15 Year Residential Warranty Limited 10 Year Quantum Guard HP Wear Warranty
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### **INSTALLATION**

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Installation Adhesive	Mannington V-81 / Fully Adhered-Permanent Bond *
Chemical Seam Sealer	MLG-33 Seam Sealer / VST-96 Applicator Kit

- Quantum Guard HP is a low maintenance floor providing superior appearance retention, cleanability, durability and slip retardance.
- Quantum Guard HP can eliminate the need for polish over an extended period of time depending upon the amount of commercial traffic.
- While not rated for ramps the Quantum Guard HP finish provides an enhanced level of traction and protection against slip compared to standard resilient floors.
- Insight Plus is not recommended in commercial areas that require static dissipation.
- Insight Plus is not recommended in commercial areas where the surface temperature over radiant heated substrate exceeds 90° F.
- Dirt, wetness, finish selection and maintenance schedule may cause significant variation in actual performance.
- Specifications are based on averages from normal manufacturing tolerances. Such variations do not affect product performance.
- This product is intended solely for use as an indoor floor covering and is not recommended or sold for any other purpose.
- Use entryway systems outside each entrance to prevent dirt, sand, grit, and other substances from being tracked onto floor.

\*Verify substrate (concrete) is dry per ASTM F-1869 5 lbs. maximum MVTR or ASTM F-2170 80% maximum relative humidity.