

**PHYSICAL CONSTRUCTION**

Construction	Homogeneous Sheet Flooring
Wear Layer	Quantum Guard HP Urethane Aluminum Oxide Topcoat Cured by UV Process
Size	6' (1.83 m)
Wearlayer Thickness	0.080 (2.03 mm)
Overall Thickness	0.080 (2.03 mm)
Average Weight	6.5 lbs / yd <sup>2</sup> * (3.53 Kg / m <sup>2</sup> ) (*Packing weight includes interleaf of .04 lbs per sq. yd.)
Roll (Min. – Max.)	30 - 68 sq. yds. (25.1 – 56.9 sq. m.)
Pattern Repeat	Random Repeat, Reverse Sheet for Seaming
Static Load Limit	750 psi

**ENVIRONMENTAL**

FloorScore Indoor Air Quality	SCS Certified
CHPS 01350 Indoor Air Quality	Passed and Listed
NSF / ANSI-332 CERTIFICATION:	Gold
Manufacture Location	Salem, NJ USA

**TESTING**

ASTM Specification (F-1913)	Exceeds
HUD/FHA Requirements	Exceeds
Electrical Resistance, EN1815	≤ 2 kv
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
Static Coefficient of Friction	Meets ADA Guidelines
FloorScore Indoor Air Quality	SCS Certified
CHPS 01350 Indoor Air Quality	Passed and Listed

**WARRANTIES**

Warranty	Limited 5 Year Commercial Warranty Limited 5 Year Quantum Guard HP Wear Warranty
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**INSTALLATION**

Installation Adhesive, Porous Subfloor	V-82 / Full Spread*
Installation Adhesive, Porous and Non-porous Substrates	V-88 /Transitional Pressure Sensitive/ Full Spread**
Installation Adhesive, Non-Porous Subfloor	V-95 / Full Spread * (Must use V-95 under OR tables, hospital beds and heavy rolling loads)
Chemical Seam Sealer	MCS-42 with VST-96 Applicator Kit
Heat Weld Seaming	Mannington Commercial Solid Color Weld Rods

- 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.
- Life Lines II is not recommended in commercial areas that require static dissipation.
- Life Lines II is not recommended in commercial areas where the surface temperature over radiant heated substrate exceeds 90° F.
- \*Verify substrate (concrete) is dry per ASTM F-1869 3 lbs. maximum MVTR or ASTM F-2170 75% maximum relative humidity.
- \*\*Verify substrate (concrete) is dry per ASTM F-1869 8 lbs. maximum MVTR or ASTM F-2170 90% maximum relative humidity.
- 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.