

PHYSICAL CONSTRUCTION

Construction	Heterogeneous Light Commercial
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 (1.8 kg per m ²)
Roll (Min. – Max.)	55 sq. yds. – 170 sq. yds. (46 – 142.5 sq. m.)
Average Weight	3.3 lbs / yd ² * (1.76 Kg / m ²)
Static Load Limit	175 psi

ENVIRONMENTAL

Recycled Content	Minimum 6% Recycled Content
FloorScore Indoor Air Quality	SCS Certified
CHPS 01350 Indoor Air Quality	Passed and Listed
Manufacture Location	Salem, NJ USA

TESTING

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 ADA Guidelines at 0.6
Flooring Radiant Panel Test (ASTM-E-648)	≥ .45 watts/cm ² , Passes (Class I)
N.B.S. Smoke Chamber Test (ASTM-E-662)	<450 - Passes

WARRANTIES

Warranty	Limited 10 Year Light Commercial Warranty Limited 15 Year Residential Warranty Limited 10 Year Quantum Guard HP Finish Warranty
----------	---

INSTALLATION

Installation Adhesive	Mannington V-81 / Full Spread *
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.
- *Verify substrate (concrete) is dry per ASTM F-1869 3 lbs. maximum MVTR or ASTM F-2170 75% 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.