

**PHYSICAL CONSTRUCTION**

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Construction	Luxury Vinyl Tile with Micro-Beveled Edges
Wear Layer	Quantum Guard HP Urethane Aluminum Oxide Topcoat Cured by UV Process
Size	18" x 18" (457.2 mm x 457.2mm) 18" x 36" (457.2 mm x 914.4mm)
Overall Thickness	.100 inches (2.5 mm)
Wearlayer Thickness	.020 inches (0.51 mm)
Pieces Per Carton	18 (18" x 18") 9 (18" x 36")
Coverage Per Carton	40.5 sq. ft. (3.76 sq/m)
Weight Per Carton	38.1 lbs (17.3 kg)
Static Load Limit	750 psi

**TESTING**

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Specification (ASTM 1700)	Class 3, Type B
Heat Stability (ASTM F-1514)	Passes
Stain & Chemical Stability (ASTM F-925)	Passes
HUD/FHA Requirements	Exceeds
Static Coefficient of Friction	Meets or exceeds ADA Guidelines
Flooring Radiant Panel (ASTM-E-648)	≥.45 watts/cm <sup>2</sup> , Passes (Class 1)
N.B.S. Smoke Chamber (ASTM-E-662)	<450 – Passes
FloorScore Indoor Air Quality	SCS Certified
CHPS 01350 Indoor Air Quality	Passed and Listed

**WARRANTIES**

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Warranty	Limited 10 Year Commercial Warranty Limited 10 Year Quantum Guard HP Finish Warranty
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**INSTALLATION**

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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* Note: Must use V-95 Adhesive under hospital beds and heavy rolling loads or where high performance is needed.

- 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.
- Nature's Paths is not recommended in commercial areas that require static dissipation.
- Nature's Paths is not recommended in commercial areas where the surface temperature over radiant heated substrate exceeds 90
- \*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 selections 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.

**Choices That Work**

800 241 2262 [manningtoncommercial.com](http://manningtoncommercial.com)