

**PHYSICAL CONSTRUCTION**

Construction	Heterogeneous Sheet Flooring
Wear Layer	Quantum Guard HP Urethane Aluminum Oxide Topcoat Cured by UV Process
Size	6', 9', 12' (1.83 m / 2.75 m / 3.66 m)
Wearlayer Thickness	0.020 inches (.51 mm)
Overall Thickness	0.080 inches (2.03 mm)
Weight Per Square Yard	4.70 lbs. / yd <sup>2</sup> (2.55 kg/m <sup>2</sup> )
Maximum Square Yard Per Roll	6' – 50 yd <sup>2</sup> (41.8 m <sup>2</sup> ) 9' – 75 yd <sup>2</sup> (62.7 m <sup>2</sup> ) 12' – 100 yd <sup>2</sup> (83.6 m <sup>2</sup> )
Minimum Square Yard Per Roll	6' - 30 yd <sup>2</sup> (25.0 m <sup>2</sup> ) 9' - 30 yd <sup>2</sup> (25.0 m <sup>2</sup> ) 12' - 30 yd <sup>2</sup> (25.0 m <sup>2</sup> )
Static Load Limit	750 psi

**TESTING**

ASTM Specification (F-1303)	Type 1, Grade 1, Class B
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_E662)	< 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 10 Year Commercial Warranty Limited 10 Year Quantum Guard HP Finish Warranty
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**INSTALLATION**

Adhesive, Porous Substrates	Mannington V-82 / Full Spread *
Adhesive, Porous and Non-Porous Substrates	Mannington V-88 / Transitional Pressure Sensitive / Full Spread **
Adhesive, Non-Porous Substrates	Mannington V-95 / Full Spread * (Must use V-95 under hospital beds and heavy rolling loads)

Installation In Areas With Topical Moisture V-95 Adhesive must be used, seams must be properly sealed, and perimeter / edges must be protected or covered up the wall

Chemical Seam Sealer	MLG 33
Heat Weld Seaming	Mannington Commercial Sold 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.
- Vivendi is not recommended in commercial areas that require static dissipation.
- Vivendi 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.