

## Product Specifications

# DIVERGENT – Fen / Strand / Meadow / Estuary

MANNINGTON  
COMMERCIAL

### PHYSICAL CONSTRUCTION

Construction	Luxury Vinyl Tile and Plank with Beveled Edges
Wear Layer	Quantum Guard HP Urethane Aluminum Oxide Topcoat Cured by UV Process
Size	Fen, Strand, and Meadow 18" x 18" (457 mm x 457mm) Estuary Only 18" x 36" (457 mm x 915 mm)
Overall Thickness	0.098" (2.5 mm)
Wearlayer Thickness	.030" - 30 mils (0.76 mm)
Pieces Per Carton	18 (18" x 18") 9 (18" x 36")
Coverage Per Carton	40.5 sq. ft. (18" x 18" & 18" x 36")
Weight Per Piece	1.66 lbs. (.75 kg)
Weight Per Carton	29.88 lbs. (13.55 kg) 18" x 18" & 18" x 36"
Static Load Limit	750 psi

### ENVIROMENTAL

3rd Party Certified Industry-wide Type III EPD  
Extended Producer Responsibility (EPR) Reclamation and Recycling Program (LOOP)  
FloorScore Indoor Air Quality – CDPH Standard Method v1.1 – 2010  
Manufacture Location: Madison, GA USA  
ISO 9001 and ISO 14001 Registered Manufacturing Facilities

### TESTING

Specification (ASTM F1700)	Class III, Type B
Heat Stability (ASTM F-1514)	Passes
Stain & Chemical Stability (ASTM F-925)	Passes
HUD/FHA Requirements	Exceeds
Static Coefficient of Friction (COF)	≥ 0.5 Leather, 0.6 Rubber
Americans with Disabilities Act Guidelines (ADAG)	Meets or Exceeds
Flooring Radiant Panel (ASTM-E-648)	≥ 0.45 watts/cm <sup>2</sup> , Passes (Class 1)
N.B.S. Smoke Chamber (ASTM-E-662)	<450 – Passes

### WARRANTIES

Limited 15 Year Commercial Warranty / Limited 15 Year Quantum Guard HP Wear Warranty

### INSTALLATION

Adhesive:

Porous Substrates	V-82 Full Spread*
Non-Porous Substrates	V-95 / Full Spread, 2 part Epoxy*
Porous and Non-Porous Substrates	V-88 Full Spread, Transitional Pressure Sensitive, High Moisture **
Porous and Non-Porous Substrates	XpressStep for LVT Spray Adhesive / RH90%, MVER 8, pH11 or XpressStep Premium Spray Adhesive / RH93%, MVER 10, pH12***

**Note:** Must use V-95, XpressStep for LVT or XpressStep Premium adhesive under hospital beds and heavy rolling loads or where high performance is needed.

- Quantum Guard<sup>®</sup> HP is a patented urethane wearlayer with aluminum oxide that provides a low maintenance floor option with superior appearance retention, cleanability, durability and slip resistance. Quantum Guard<sup>®</sup> 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, Quantum Guard<sup>®</sup> HP provides an enhanced level of traction and protection against slip compared to standard LVT floors.
- Dirt, wetness, finish selection and maintenance schedule may cause significant variation in actual performance.
- Use entryway systems outside each entrance to prevent dirt, sand, grit and other substances from being tracked onto floor.
- This product is intended solely for use as an indoor floor covering and is not recommended or sold for any other purpose.
- This product is not recommended in commercial areas that require static dissipation.
- This product is not recommended in commercial areas where the surface temperature over radiant heated substrate exceeds 85° F.
- Specifications are based on averages from normal manufacturing tolerances. Such variations do not affect product performance.

\*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.

\*\*\*Verify substrate (concrete) is dry per ASTM F-1869 10 lbs. maximum MVTR or ASTM F-2170 93% maximum relative humidity.

## Choices That Work

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