





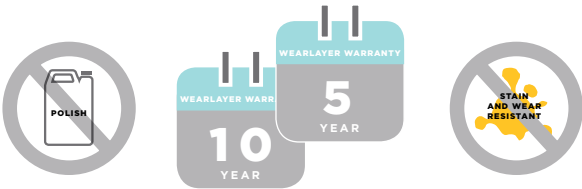
Taupe 16309, Basalt 16331, Coffee 16327
Cover: Taupe 16309



Cayenne 16329, Deep Blue 16330, Horizon Blue 16323

QUANTUM GUARD® HP:
PATENTED PERFORMANCE

- Highest performance commercial urethane finish in the industry
- No polish
- Enhances durability, cleanability, appearance, and slip retardance when compared to standard resilient floors
- Significant reduction in overall lifecycle cost greatly lowers total cost of ownership



* WARRANTY MAY VARY BY PRODUCT TYPE

MOH HARDNESS SCALE

10 =

9 = QGHP

7 = Quartz

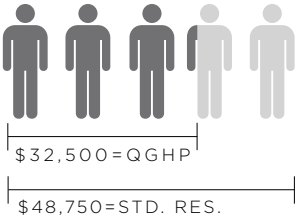
2 = Urethane without
aluminum oxide



39%

ANNUAL MAINTENANCE
SAVINGS PER SQ. FOOT

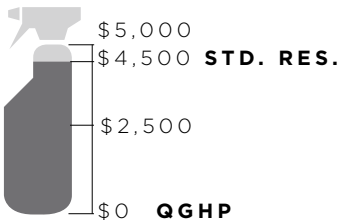
REGULAR MAINTENANCE
ANNUAL TOTAL



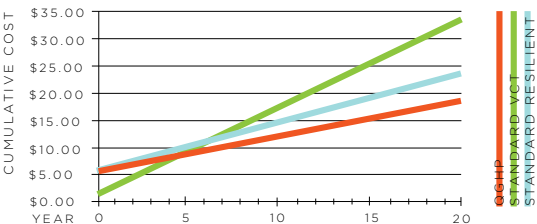
TOTAL ANNUAL COST
PER SQ. FT.



RESTORATIVE MAINTENANCE
ANNUAL TOTAL







CUMULATIVE COST PER
SQ. FT. BY YEAR








Break Even on Product and Maintenance Cost Difference Between:
VCT VS. QGHP = 3 YEARS
STANDARD RESILIENT VS. QGHP = 1 YEAR








PERFORMANCE AND FEATURES

	AVAILABLE SIZE	Available in 6'
	WARRANTY	This product is backed by our Limited 5 Year Commercial Warranty and Limited 5 Year Quantum Guard® HP Wear Warranty.
	QUANTUM GUARD® HP	The highest performance commercial urethane finish in the industry. The patented aluminum oxide proprietary wear layer eliminates the need for polish, while enhancing durability, cleanability, appearance retention and slip retardance when compared to standard resilient floors – resulting in 39% annual savings in maintenance costs.
	SLIP RESISTANCE	Product embossing texture combined with Quantum Guard® HP wear surface helps provide enhanced slip resistance in dry or wet conditions. This product meets or exceeds recommended ADA Guidelines.

SUSTAINABILITY

	ENERGY LEADERSHIP	With one of the largest solar arrays in the flooring industry (3.3 acres in Salem NJ) and ambitious goals to improve energy efficiency by 25% over ten years, we have an ongoing partnership with the Department of Energy to lead manufacturing into smarter energy use, as well as to reduce related carbon emissions.
	WATER REDUCTION	Water is a precious natural resource and a key component in manufacturing. By investing in technology and a continual emphasis on efficiency and lean manufacturing, we have reduced our water use by more than 30% company-wide since 2007. We also actively help protect wetlands in the communities where we make flooring.
	US MANUFACTURING	Mannington is a fourth generation, family-owned company deeply committed to U.S. manufacturing. We make flooring in seven communities across the U.S., allowing us to provide the highest levels of service and quality in the industry, while supporting local economies and crafting quality, American-made products.
	3RD PARTY CERTIFICATIONS	Certifications help navigate the world of green marketing claims. So we invest in ISO-14001 and environmentally preferable product certifications including NSF/ANSI-140, NSF/ANSI-332, FloorScore, and Green Label Plus. All of our products may contribute to multiple LEED and Green Globe credits.
	ENVIRONMENTAL PRODUCT DECLARATION	EPDs communicate the comprehensive life cycle assessment of a product's environmental impact and facilitate transparency. Our EPDs conform to international standards and are 3rd party verified by SSC and NSF International.

SUSTAINABILITY (CONTINUED)

	ISO 14001	ISO 14001 is a global environmental standard that provides a system for continual improvement in environmental performance.
	CE MARK	Certifies that a product has met EU health, safety, and environmental requirements, which ensure consumer safety. Manufacturers in the European Union (EU) and abroad must meet CE marking requirements where applicable in order to market their products in Europe.
	LEED	Mannington Commercial products may contribute to multiple LEED credits.
	PURPLE MARTINS	In the mid-1980s, we began attracting migrating birds called Purple Martins to our New Jersey manufacturing campus as a more natural alternative to the use of pesticides. This “Purple Martin Project” has proven to be an incredibly environmentally friendly and cost effective way to control insects. Our employees are engaged in the banding and tracking of the birds.
	HONEYBEES	In 2009, as part of an effort to show how an industrial enterprise can co-exist with the agricultural & farming community and positively contribute to both, Mannington’s New Jersey corporate site began to house honeybees, and now have 5 hives in Salem, NJ and 4 in Eustis, FL. The honeybees are thriving and each year we are able to enjoy and share the honey we produce.
	SOLAR ARRAY	At 3.3 acres, we have one of the largest solar arrays in the flooring industry generating 1,000,000 kilowatt hours annually.
	CLIMATE REGISTRY	Mannington is dedicated to reducing our greenhouse gas emissions by 25% over 10 years. Since 2007, a 10% reduction can be attributed to energy efficiencies, process efficiencies, and use of renewable energy. Additional information can be found on theclimateregistry.org .



MANNINGTON ASSURANCE II

	CONSTRUCTION	Homogeneous Slip Resistant Commercial Sheet (Non-ortho Phthalate Construction)
	AVAILABLE SIZE	Available in 6' (1.83 m)
	OVERALL THICKNESS	.080" (2.03 mm)
	WEAR LAYER THICKNESS	.080" (2.03 mm)
	WEIGHT PER SQUARE YARD	6.5 lbs/yd ² (3.53 kg/m ²). For packing weight, it includes interleaf of 0.40 lbs. per sq. yd.(0.22 kg/m2)
	SQUARE YARD PER ROLL (MIN-MAX)	30 - 68 sq. yds. (25.1 - 56.9 sq. m.)
	3RD PARTY CERTIFICATIONS	FloorScore, NSF/ANSI 332 Platinum
	WARRANTY	This product is backed by our Limited 5 Year Commercial Warranty and Limited 5 Year Quantum Guard® HP Wear Warranty.
	LEED	Mannington Commercial products may contribute to multiple LEED credits.
	US MANUFACTURING	Mannington is a fourth generation, family-owned company deeply committed to U.S. manufacturing. We make flooring in seven communities across the U.S., allowing us to provide the highest levels of service and quality in the industry, while supporting local economies and crafting quality, American-made products.
STATIC LOAD LIMIT		750 PSI
SPECIFICATION (ASTM F1913)		Exceeds
HUD/FHA REQUIREMENTS		Meets or exceeds
AMERICANS WITH DISABILITIES ACT GUIDELINES (ADAG)		Meets or exceeds ADA Guidelines
COEFFICIENT OF FRICTION (COF)		≥ 0.5 Leather; 0.6 Rubber
FLOORING RADIANT PANEL (ASTM E648)		≥ .45 watts/cm ² , Passes - Class 1
N.B.S. SMOKE CHAMBER (ASTM E662)		< 450, Passes
INSTALLATION ADHESIVE		Porous Substrate: V-82 Full Spread Non-Porous Substrate: V-95 Full Spread, 2 Part Epoxy Porous & Non-Porous Substrate: M-Guard V-88 Full Spread, Transitional Pressure Sensitive, High Moisture or XpressStep for Sheet Vinyl Note: Must use V-95 or XpressStep for Sheet Vinyl adhesive under hospital beds, OR tables and heavy rolling loads or where high performance is needed.
SEAM METHOD		Mannington Commercial Solid Weld Rods. Heat welding is the recommended procedure for healthcare and high traffic applications.

Floor designs copyrighted by Mannington Mills, Inc. 2014. For complete specifications, visit manningtoncommercial.com.



