



Vivendi II Collection



WOVEN and PERENNIAL
Pallas textile: VALETUDO FLORA

A NEW DIRECTION IN FLOORING



WOVEN, Parchment VIV123
CIRC, Cashmere



BLOCKPRINT, Parchment VIV223, Celeste VIV227



WOVEN - Oat Straw VIV114

PERENNIAL - Sandalwood VIV020





WOVEN, PERENNIAL, and BLOCKPRINT
color OAT STRAW



QUANTUM GUARD® HP:
PATENTED PERFORMANCE

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



MOH HARDNESS SCALE

10 =

9 = QGHP

7 = Quartz

2 = Urethane without aluminum oxide



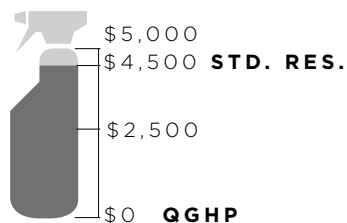
39%

ANNUAL MAINTENANCE SAVINGS PER SQ. FOOT

REGULAR MAINTENANCE ANNUAL TOTAL



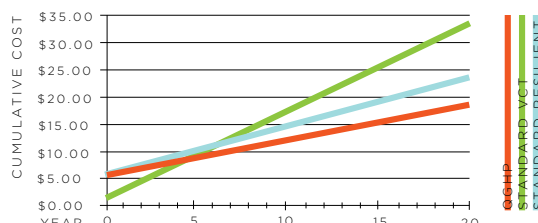
RESTORATIVE MAINTENANCE ANNUAL TOTAL



TOTAL ANNUAL COST PER SQ. FT.






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

	<p>AVAILABLE SIZES</p>	<p>Available in 6', 9' and 12'</p>
	<p>WARRANTY</p>	<p>This product is backed by our Limited 10 Year Commercial Warranty and Limited 10 Year Quantum Guard HP Wear Warranty.</p>
	<p>QUANTUM GUARD® HP</p>	<p>The highest performance commercial urethane finish in the industry. The patented aluminum oxide proprietary wearlayer eliminates the need for polish, while enhancing durability, cleanability, appearance retention and slip resistance when compared to standard resilient floors - resulting in 39% annual savings in maintenance costs.</p>











SUSTAINABILITY

	<p>ENERGY LEADERSHIP</p>	<p>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.</p>
	<p>WATER REDUCTION</p>	<p>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 35% since 2007. We also actively help protect wetlands in the communities where we make flooring.</p>
	<p>SOLAR ARRAY</p>	<p>At 3.3 acres, we have one of the largest solar arrays in the flooring industry generating 1,000,000 kilowatt hours annually.</p>
	<p>US MANUFACTURING</p>	<p>Mannington is a fourth generation, family-owned company deeply committed to U.S. manufacturing. We make flooring in eight 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.</p>
	<p>ISO 14001</p>	<p>ISO 14001 is a global environmental standard that provides a system for continual improvement in environmental performance.</p>
	<p>LEED</p>	<p>Mannington Commercial products may contribute to multiple LEED credits.</p>

	<p>3RD PARTY CERTIFICATIONS</p>	<p>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. Most of our products may contribute to multiple LEED and Green Globe credits.</p>
	<p>SAMPLE RETURN</p>	<p>We offer a postage-paid return label for every commercial product sample that we ship. So when you are finished with your project, you can return the sample. We will send it on to the next user; and at the end of its useful life, we donate samples to local charities, churches, schools and civic groups.</p>
	<p>PURPLE MARTINS</p>	<p>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.</p>
	<p>HONEYBEES</p>	<p>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 produced.</p>
	<p>ENVIRONMENTAL PRODUCT DECLARATION</p>	<p>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 ThinkStep and Underwriters Laboratory.</p>
	<p>CE MARK</p>	<p>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.</p>
	<p>CLIMATE REGISTRY</p>	<p>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.</p>



SPECIFICATIONS

	CONSTRUCTION	Heterogeneous Sheet (Non-Phthalate Construction)
	AVAILABLE SIZES	Available in 6' (1.83 m), 9' (2.75 m), 12' (3.66 m)
	OVERALL THICKNESS	0.080 inches (2.03 mm)
	WEARLAYER THICKNESS	0.020 (.51 mm)
	WEIGHT PER SQUARE YARD	4.70 lbs/yd ² (2.55 kg/m ²)
	SQUARE YARD PER ROLL (MIN-MAX)	6' - 30 - 50 sq. yds. (25.0 - 41.8 sq. m.) 9' - 30 - 75 sq. yds. (25.0 - 62.7 sq. m.) 12' - 30 - 100 sq. yds. (25.0 - 83.6 sq. m.)
	3RD PARTY CERTIFICATIONS	FloorScore, 3rd Party Type III EPD (Environmental Product Declaration)
	WARRANTY	This product is backed by our Limited 10 Year Commercial Warranty and Limited 10 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 eight 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.
PATTERN REPEAT		72" W x 36" L - Straight Repeat, Do Not Reverse, Random Match
STATIC LOAD LIMIT		750 PSI
SPECIFICATION (ASTM F-1303)		Type I, Grade 1, Class B
HUD/FHA REQUIREMENTS		Exceeds
STATIC COEFFICIENT OF FRICTION		Meets ADA Guidelines
FLOORING RADIANT PANEL TEST (ASTM-E-648)		Passes - Class 1
N.B.S. SMOKE CHAMBER TEST (ASTM-E-662)		< 450, Passes
ELECTRICAL RESISTANCE, EN1815:		≤.45 watts/cm ² , Passes (Class 1)
INSTALLATION ADHESIVE		<p>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</p> <p><i>Note: Must use V-95 or XpressStep for Sheet Vinyl adhesive under hospital beds and heavy rolling loads or where high performance is needed.</i></p>
SEAM METHOD		<p>Mannington Commercial Solid Weld Rods or MLG -33 Chemical Seam Sealer Mannington Seam Coater Pen for high traffic areas</p> <p><i>Note: Heat welding is the recommended procedure for healthcare and high traffic applications.</i></p>

Floor designs copyrighted by Mannington Mills, Inc 2014. Quantum Guard® HP patents 6,218,001, 6,291,078, and 7,384,697 architectural specifications. For complete specifications, visit manningtoncommercial.com

• Visual / Color variations can occur from roll to roll. This variation does not affect product performance



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