





Cover: BIOSPEC MD - Bright White 15246, Ladybird 15416

Above: BIOSPEC SR - Sandrift 67203, Bright White 67246



BIOSPEC MD - Cool Beige 15240, Bedrock 15369, Blue Ridge 15376



BIOSPEC RE - Stone Gray 68328, Blue Ridge 68376, Bright White 68246

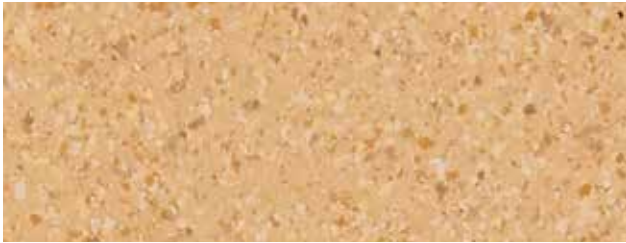




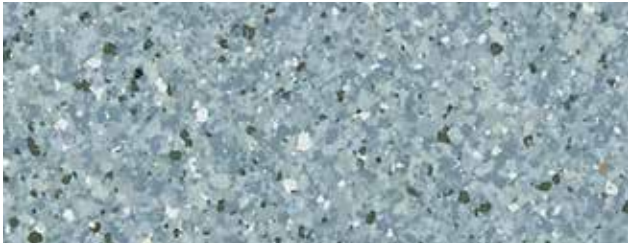
BIOSPEC CHOICES	 BIOSPEC MD	 BIOSPEC FB	 BIOSPEC SR	 BIOSPEC RE
QUANTUM GUARD® HP	✓	✓	✓	✓
MCARE®	✓	✓		
RECYCLED CONTENT	✓			✓+
EASE OF INSTALLATION	✓	✓+	✓	✓+
EASE OF MAINTENANCE	✓+	✓+	✓	✓+
COEFFICIENT OF FRICTION (MEETS ADA GUIDELINES)	✓	✓	✓+	✓
MADE IN THE USA	✓	✓	✓	✓
LOW-CONTRAST VISUAL	✓	✓	✓	✓
PRICE	\$ \$	\$	\$ \$ \$	\$ \$ \$
PSI	7 5 0	5 0 0	7 5 0	7 5 0
NUMBER OF COLORWAYS	7 0	1 6	1 6	1 6



BIOSPEC MD - ANTI-MICROBIAL TECHNOLOGY
 High performance, low maintenance. BioSpec MD with MCare® anti-microbial technology is your choice for demanding healthcare environments.



BIOSPEC SR - SLIP RESISTANT
 The choice for your spaces that require a slip resistant flooring. BioSpec SR provides superior traction in a low-contrast visual.



BIOSPEC FB - FELT BACK
 This felt back version of our classic BioSpec product is your choice for reducing cost in lighter traffic areas of your space.



BIOSPEC RE - RECYCLED CONTENT
 Provides a great choice for incorporating high levels of recycled content (35%) into your project. Our LOOP™ recycling initiative enables us to divert millions of pounds of post-consumer flooring from landfill and closed-loop recycle it into new flooring.




BIOSPEC MD - Stone Gray 15328, Bright White 15246

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

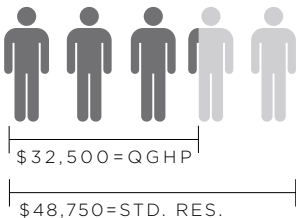
10 = 
9 = QGHP
7 = Quartz
2 = Urethane without
aluminum oxide



39%

ANNUAL MAINTENANCE
SAVINGS PER SQ. FOOT

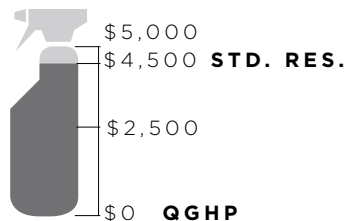
REGULAR MAINTENANCE
ANNUAL TOTAL



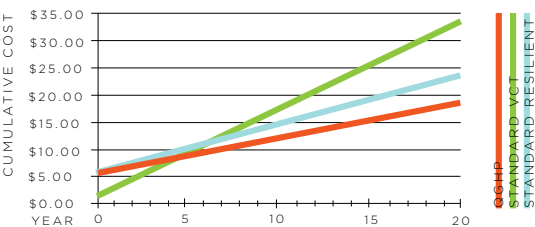
TOTAL ANNUAL COST
PER SQ. FT.



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 SIZES	Available in 6'6" (2 meters)
	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 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.
	SLIP RESISTANCE	Product embossing texture combined with Quantum Guard® HP wear surface helps provide enhanced slip resistance in dry or wet conditions. (BioSpec® SR)
	MCARE®	MCare® antimicrobial treatment in product topcoat and carpet backing inhibits the proliferation of fungi bacterial growth to help reduce the exposure that healthcare facilities face from secondary infections. (BioSpec® MD & BioSpec® FB)

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 35% since 2007. We also actively help protect wetlands in the communities where we make flooring.
	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.
	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.
	RECYCLED CONTENT	We actively seek out waste streams that clog America's landfills, looking for innovative ways to use them in new products. On average, 15 tons per month of drywall, the construction industry's largest waste stream, finds new life in our VCT products. We also reclaim post-consumer carpet and tile from other flooring companies, as well as tires, telephone books, automotive glass, and other waste streams that contribute to landfills, incorporating them into carpet and hard surface flooring.

	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 honey bees are thriving and each year we are able to enjoy and share the honey we produce.
	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. Most of our products may contribute to multiple LEED and Green Globe credits.
	ISO 14001	ISO 14001 is a global environmental standard that provides a system for continual improvement in environmental performance.
	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 .
	SAMPLE RETURN	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.
	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.
	LEED	Mannington Commercial products may contribute to multiple LEED credits.

SPECIFICATIONS - BIOSPEC MD

	CONSTRUCTION	Homogeneous Commercial Sheet (Non-Phthalate Construction)
	AVAILABLE SIZE	Available in 6'6" (2 meters)
	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)
	SQUARE YARD PER ROLL (MIN-MAX)	30 - 73 sq. yds. (25.1 - 61.04 sq. m.) (a 73 sq. yd. roll is approximately 100 linear feet long)
	3RD PARTY CERTIFICATIONS	FloorScore, 3rd Party Type III EPD (Environmental Product Declaration) and NSF / ANSI-332 Gold
	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 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.
	RECYCLED CONTENT	This product contains 5% post-consumer recycled content.
PATTERN REPEAT		Random Repeat, Reverse Sheet for Seaming
STATIC LOAD LIMIT		750 PSI
SPECIFICATION (ASTM F-1913)		Exceeds
HUD/FHA REQUIREMENTS		Exceeds
ELECTRICAL RESISTANCE, EN1815		≤ 2 kv
COEFFICIENT OF FRICTION		Meets ADA Guidelines (≥ 0.6)
FLOORING RADIANT PANEL TEST (ASTM-E-648)		≥ .45 watts/cm ² , Passes - Class 1
N.B.S. SMOKE CHAMBER TEST (ASTM-E-662)		< 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 <i>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.</i>
SEAM METHOD		Mannington Commercial Solid Weld Rods or MCS-42 Chemical Seam Sealer with VST-96 Applicator Kit Mannington Seam Coater Pen for high traffic areas <i>Note: Heat welding is the recommended procedure for healthcare and high traffic applications</i>

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SPECIFICATIONS - BIOSPEC FB


	CONSTRUCTION	Heterogeneous Commercial Sheet (Non-Phthalate Construction)
	AVAILABLE SIZE	Available in 6'6" (2 meters)
	OVERALL THICKNESS	.080" (2.03 mm)
	WEARLAYER THICKNESS	.080" (2.03 mm)
	WEIGHT PER SQUARE YARD	5.7 lbs/yd ² (3.10 kg/m ²)
	SQUARE YARD PER ROLL (MIN-MAX)	30 - 73 sq. yds. (25.1 - 61.04 sq. m.) (a 73 sq. yd. roll is approximately 100 linear feet long)
	3RD PARTY CERTIFICATIONS	FloorScore, 3rd Party Type III EPD (Environmental Product Declaration) and NSF / ANSI-332 Gold
	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 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		Random Repeat, Reverse Sheet for Seaming
STATIC LOAD LIMIT		500 PSI
SPECIFICATION (ASTM F-1303)		Type II, Grade I, Class A
HUD/FHA REQUIREMENTS		Exceeds
COEFFICIENT OF FRICTION		Meets ADA Guidelines (≥ 0.6)
FLOORING RADIANT PANEL TEST (ASTM-E-648)		≥ .45 watts/cm ² , Passes - Class 1
N.B.S. SMOKE CHAMBER TEST (ASTM-E-662)		< 450, Passes
INSTALLATION ADHESIVE		Porous & Non-Porous Substrate V-81 Full Spread
SEAM METHOD		Mannington Commercial Solid Weld Rods or MCS-42 Chemical Seam Sealer with VST-96 Applicator Kit Mannington Seam Coater Pen for high traffic areas <i>Note: Heat welding is the recommended procedure for healthcare and high traffic applications</i>

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SPECIFICATIONS - BIOSPEC SR

	CONSTRUCTION	Homogeneous Slip Resistant Commercial Sheet (Non-Phthalate Construction)
	AVAILABLE SIZE	Available in 6'6" (2 meters)
	OVERALL THICKNESS	.080" (2.03 mm)
	WEARLAYER THICKNESS	.080" (2.03 mm)
	WEIGHT PER SQUARE YARD	6.0 lbs/yd ² (3.26 kg/m ²)
	SQUARE YARD PER ROLL (MIN-MAX)	30 - 73 sq. yds. (25.1 - 61.04 sq. m.) (a 73 sq. yd. roll is approximately 100 linear feet long)
	3RD PARTY CERTIFICATIONS	FloorScore, 3rd Party Type III EPD (Environmental Product Declaration) and NSF / ANSI-332 Gold
	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 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		Random Repeat, Reverse Sheet for Seaming
STATIC LOAD LIMIT		750 PSI
SPECIFICATION (ASTM F-1913)		Exceeds
HUD/FHA REQUIREMENTS		Exceeds
ELECTRICAL RESISTANCE, EN1815		≤ 2 kv
COEFFICIENT OF FRICTION		Meets ADA Guidelines (≥ 0.8)
FLOORING RADIANT PANEL TEST (ASTM-E-648)		≥ .45 watts/cm ² , Passes - Class 1
N.B.S. SMOKE CHAMBER TEST (ASTM-E-662)		< 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 <i>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.</i>
SEAM METHOD		Mannington Commercial Solid Weld Rods or MLG-33 Chemical Seam Sealer Mannington Seam Coater Pen for high traffic areas <i>Note: Heat welding is the recommended procedure for healthcare and high traffic applications</i>

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SPECIFICATIONS - BIOSPEC RE

	CONSTRUCTION	Heterogeneous Commercial Sheet
	AVAILABLE SIZE	Available in 6'6" (2 meters)
	OVERALL THICKNESS	.080" (2.03 mm)
	WEARLAYER THICKNESS	.030" (.076 mm)
	WEIGHT PER SQUARE YARD	6.0 lbs/yd ² (3.26 kg/m ²)
	SQUARE YARD PER ROLL (MIN-MAX)	30 - 73 sq. yds. (25.1 - 61.04 sq. m.) (a 73 sq. yd. roll is approximately 100 linear feet long)
	3RD PARTY CERTIFICATIONS	FloorScore, 3rd Party Type III EPD (Environmental Product Declaration) and NSF / ANSI-332 Gold
	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 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.
	RECYCLED CONTENT	This product contains 35% recycled content - 20% post-consumer and 15% pre-consumer.
PATTERN REPEAT		Random Repeat, Reverse Sheet for Seaming
STATIC LOAD LIMIT		750 PSI
SPECIFICATION (ASTM F-1303)		Type II, Grade 2, Class B
HUD/FHA REQUIREMENTS		Exceeds
ELECTRICAL RESISTANCE, EN1815		≤ 2 kv
COEFFICIENT OF FRICTION		Meets ADA Guidelines (≥ 0.6)
FLOORING RADIANT PANEL TEST (ASTM-E-648)		≥ .45 watts/cm ² , Passes - Class 1
N.B.S. SMOKE CHAMBER TEST (ASTM-E-662)		< 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 <i>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.</i>
SEAM METHOD		Mannington Commercial Solid Weld Rods or MCS-42 Chemical Seam Sealer with VST-96 Applicator Kit Mannington Seam Coater Pen for high traffic areas <i>Note: Heat welding is the recommended procedure for healthcare and high traffic applications</i>

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