

SPACIA | ABSTRACT & STONE



MANNINGTON  
COMMERCIAL



**COVER: ABSTRACT - Mirus Cotton SS5A6110, Mirus Henna SS5A6150**

**ABOVE: STONE - Ceramic Ecrú SS5S3592, Ceramic Flint SS5S2594**



ABSTRACT - Silk Weave SS5A2801



ABSTRACT - Mistral SS5A3402



**ABSTRACT - Bronze SS5A4805, Steel SS5A2804**



ABSTRACT - Zinc SS5A3620



ABSTRACT - Metropolis Smoke SS5A2627



ABSTRACT - Mirus Cotton SS5A6110, STONE - Sift Stone Clay SS5S6123



STONE - Dry Stone Sienna SS5S4408





STONE - Linear Stone Shale SS5S3606



STONE - Graphite Slate AROSSL23, FEATURE STRIPPING - Concrete Pale AROSCN30

## Feature Stripping

Add contrast, create a grout effect or define tile and plank shapes with Amtico feature stripping. Available in a choice of five sizes.

Feature stripping is available in the following sizes, 2 mm thickness, 0.118" x 36"\*

-  1/8" x 36" (3.2 mm x 914.4 mm)
-  1/4" x 36" (6.4 mm x 914.4 mm)
-  3/8" x 36" (9.5 mm x 914.4 mm)
-  1/2" x 36" (12.7 mm x 914.4 mm)
-  3/4" x 36" (19.1 mm x 914.4 mm)

	American Oak	AROW7050
	Wenge Wood	AROW7490
	Cirrus Air	AROW8100
	Stria Sediment	AROSMS14
	Stria Volcanic	AROSMS42
	Shimmer Denim	AROASE39
	Bronze	AROAMP18
	Pure Plain Black	AROAPN22

	Fused Birch	AROW7500
	Wild Walnut	AROW7620
	Mirabelle Creme	AROSMB14
	Stria Basalt	AROSMS43
	Concrete Pale	AROASN30
	Silver	AROAMP38
	Gold	AROAMP78
	Pure Plain White	AROAPN11

\* Sizes shown are not actual size

### QUANTUM GUARD® HP: PATENTED PERFORMANCE

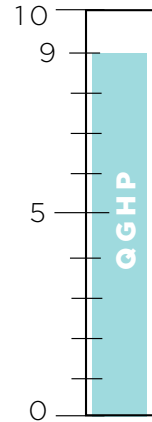
- Highest performance commercial urethane finish in the industry
- No polish
- Enhances durability, cleanability, appearance, and slip retardance when compared to standard LVT floors
- Significant reduction in overall lifecycle cost greatly lowers total cost of ownership



\* WARRANTY MAY VARY BY PRODUCT TYPE

### MOH HARDNESS SCALE

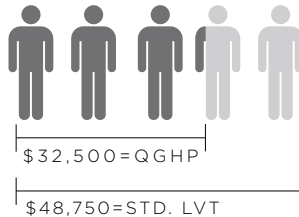
- 10 =
- 9 = QGHP
- 7 = Quartz
- 2 = Urethane without aluminum oxide



**70%**

ANNUAL MAINTENANCE SAVINGS PER SQ. FOOT

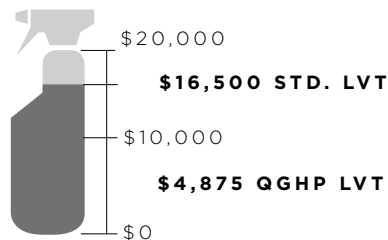
#### REGULAR MAINTENANCE ANNUAL TOTAL



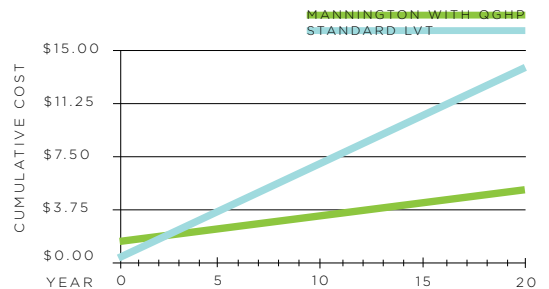
#### TOTAL ANNUAL COST PER SQ. FT.



#### RESTORATIVE MAINTENANCE ANNUAL TOTAL









#### CUMULATIVE COST PER SQ. FT. BY YEAR








Break Even on Product and Maintenance Cost Difference Between: LVT VS. QGHP = 2 YEARS









## PERFORMANCE AND FEATURES

	AVAILABLE SIZES	12" x 12" (305 x 305 mm), 12" x 18" (305 x 457 mm), 18" x 18" (457 x 457 mm), 7.25" x 48" (185 x 1220 mm) Xtra all with micro-beveled edges. Sizes are style dependent.
 <b>QGHP</b>	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 LVT floors – resulting in 70% annual savings in maintenance costs.
	QUICKSTIX	LVT with pre-applied adhesive, reducing time and labor required to install the flooring. QuickStix floors can be used immediately after installation, even in extreme moisture areas.
	RAPIDLY RENEWABLE CONTENT	Contains 3% rapidly renewable resource content.
	WARRANTY	This product is backed by our Limited 10 Year Commercial Warranty. Limited 10 Year Quantum Guard® HP Wear Warranty.
	XPRESS	When you really need it now. Our innovative delivery program ensures that you get the carpet and hard surface products you need quickly and reliably. With product available to ship within 5 business days, Mannington's Xpress program leads the industry in service. Please refer to <a href="http://www.manningtoncommercial.com">www.manningtoncommercial.com</a> to view Xpress products.

## 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 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.
	ISO 14001	ISO 14001 is a global environmental standard that provides a system for continual improvement in environmental performance.










## SUSTAINABILITY

	<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. All of our products may contribute to multiple LEED and Green Globe credits.</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 &amp; 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.</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 <a href="http://theclimateregistry.org">theclimateregistry.org</a>.</p>
	<p>LOOP®</p>	<p>Mannington’s next closed-loop recycling program, we are reclaiming and recycling end-of-life LVT into new LVT. This further extends our ability to keep post-consumer LVT out of landfills and reducing the environmental impact of our products. Contact your local Mannington representative, or call 800.241.2262.</p>
	<p>RAPIDLY RENEWABLE CONTENT</p>	<p>Contains 3% rapidly renewable resource content.</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>





**SPECIFICATIONS | SPACIA ABSTRACT & STONE**

	CONSTRUCTION	LVT with micro-beveled edges
	AVAILABLE SIZES	12" x 12" (305 x 305 mm), 12" x 18" (305 x 457 mm), 18" x 18" (457 x 457 mm), 7.25" x 48" (185 x 1220 mm) Xtra. Sizes are style dependent
	WEAR LAYER THICKNESS	20 mil (0.51 mm)
	OVERALL THICKNESS	0.096" (2.5 mm)
	PIECES PER CARTON	27 pcs - 12" x 12"; 18 pcs - 12" x 18"; 12 pcs - 18" x 18"; 9 pcs - 7.25" x 48"
	COVERAGE PER CARTON	27 sq. ft. of 12" x 12"; 27 sq. ft. of 12" x 18"; 27 sq. ft. of 18" x 18"; 21.75 sq. ft. of 7.25" x 48"
	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 LVT floors - resulting in 70% annual savings in maintenance costs.
	WARRANTY	This product is backed by our Limited 10-year Commercial Warranty and Limited 10-year Quantum Guard® HP Wear Warranty.
	QUICKSTIX	LVT with pre-applied adhesive, reducing time and labor required to install the flooring. QuickStix floors can be used immediately after installation, even in extreme moisture areas.
	3RD PARTY CERTIFICATIONS	FloorScore, Industry wide 3rd party Type III EPD (Environmental Product Declaration)
	RAPIDLY RENEWABLE CONTENT	Contains 3% rapidly renewable resource content
	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.
	LOOP®	Mannington's next closed-loop recycling program, we are reclaiming and recycling end-of-life LVT into new LVT. This further extends our ability to keep post-consumer LVT out of landfills and reducing the environmental impact of our products. Contact your local Mannington representative, or call 800.241.2262.
	XPRESS	When you really need it now. Our innovative delivery program ensures that you get the carpet and hard surface products you need quickly and reliably. With product available to ship within 5 business days, Mannington's Xpress program leads the industry in service. Please refer to <a href="http://www.manningtoncommercial.com">www.manningtoncommercial.com</a> to view Xpress products.
STATIC LOAD LIMIT		750 PSI
SPECIFICATIONS (ASTM F1700)		Class 3, Type B
HEAT STABILITY (ASTM F1514)		Passes
STAIN & CHEMICAL STABILITY (ASTM F925)		Passes
HUD/FHA REQUIREMENTS		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)		≥ 0.45 watts/cm2, Passes (Class 1)
N.B.S. SMOKE CHAMBER (ASTM E662)		< 450-Passes
INSTALLATION ADHESIVE		Amtico 373 / Full Spread Porous & Non-Porous Subfloor, Amtico PS - High Moisture Adhesive / Transitional Pressure Sensitive/ Full Spread Porous & Non-Porous Subfloor, Amtico Universal 2-Parts/ Full Spread Non-Porous Subfloor, XpressStep Spray Adhesive / RH 90%, MVER 8, pH 11, XpressStep Premium Spray Adhesive / RH 93%, MVER 10, pH 12. QuickStix pre-applied adhesive / 99% RH, MVER 18, pH12. <i>Note: Must use Amtico Universal 2-Parts or XpressStep Adhesive under hospital beds and heavy rolling loads or where high performance is needed.</i>



