

DIVERGENT



MANNINGTON  
COMMERCIAL

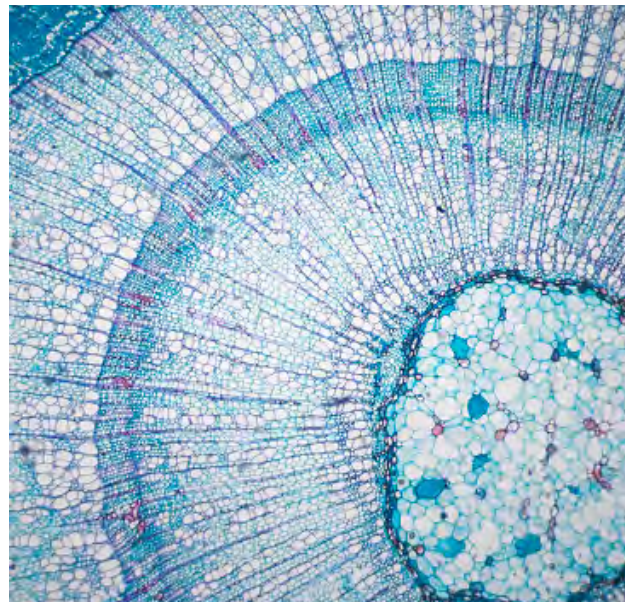


**SLOW DOWN. GET CLOSE.  
FIND BEAUTY.**

We started with a simple premise: inspiration can be found in your own backyard. Outside our manufacturing facility in the meadows of Salem, New Jersey, is a field of tall-stalk wetland vegetation.



Our Design Director, Roby Isaac, spent an afternoon walking that field, quietly observing. That day led to a partnership with a leading material sciences lab, and a close look at microscopic cross-sections of Phragmite, a common plant with beautiful patterning at the molecular level.



This became Divergent— a collection drawn from standing still. From appreciating the beauty of our environment in an up close and personal way. Divergent brings together root level observations of the world with soft linear patterns to create subtle gradations, abstract graphics, and a timely, relevant color story.





**COVER: MEADOW - Dawn 13531, ESTUARY - Dawn 13525**

**ABOVE: MEADOW - Riverbed 13533, STRAND - Foothill 13514**





ESTUARY - Dusk 13528





STRAND - Sparrow 13516, FEN - Sparrow 13504





STRAND - Cumulus 13518



**FEN**



FEN - Gossamer

13500



FEN - Sandpiper

13501



FEN - Foothill

13502



FEN - Reed

13503



FEN - Sparrow

13504



FEN - Sedge

13505

\* Above photography represents a multiple tile perspective. Please order a large sample for color and pattern accuracy.



**FEN**



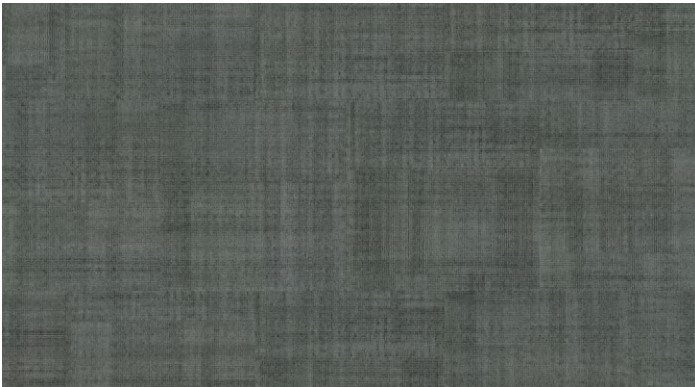
FEN - Cumulus

13506



FEN - Spartina

13507



FEN - Bramble

13511



FEN - Heron

13509



FEN - Magpie

13510



FEN - Willow

13508

\* Above photography represents a multiple tile perspective. Please order a large sample for color and pattern accuracy.



**STRAND**



STRAND - Gossamer

13512



STRAND - Sandpiper

13513



STRAND - Foothill

13514



STRAND - Reed

13515



STRAND - Sparrow

13516



STRAND - Sedge

13517

\* Above photography represents a multiple tile perspective. Please order a large sample for color and pattern accuracy.



**STRAND**



STRAND - Cumulus

13518



STRAND - Spartina

13519



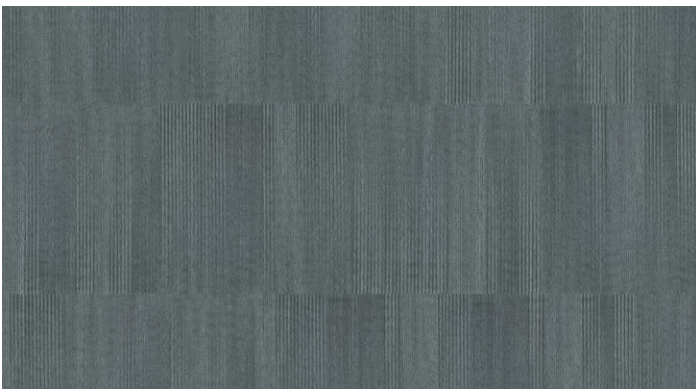
STRAND - Bramble

13523



STRAND - Heron

13521



STRAND - Magpie

13522



STRAND - Willow

13520

\* Above photography represents a multiple tile perspective. Please order a large sample for color and pattern accuracy.



**ESTUARY**



ESTUARY - Dune

13526



ESTUARY - Cattail

13524



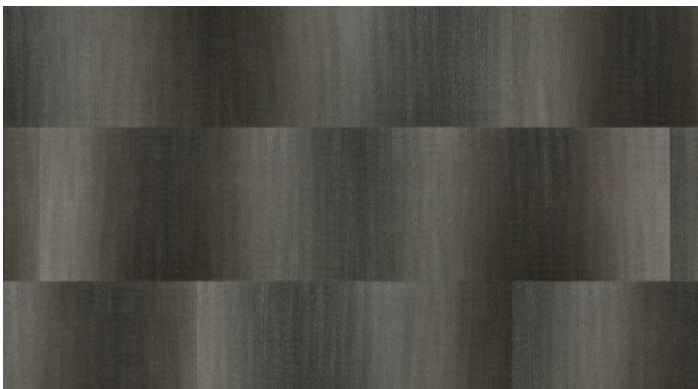
ESTUARY - Riverbed

13527



ESTUARY - Dawn

13525



ESTUARY - Swale

13529



ESTUARY - Dusk

13528

\* Above photography represents a multiple tile perspective. Please order a large sample for color and pattern accuracy.



**MEADOW**



MEADOW - Dune

13532



MEADOW - Cattail

13530



MEADOW - Riverbed

13533



MEADOW - Dawn

13531



MEADOW - Swale

13535








MEADOW - Dusk

13534

\* Above photography represents a multiple tile perspective. Please order a large sample for color and pattern accuracy.



## PERFORMANCE AND FEATURES








	<p>AVAILABLE SIZES</p>	<p>18" x 18" (457 x 457 mm); 18" x 36" (457 x 915 mm) Estuary only. All with beveled edges</p>
 <p>QGHP</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 LVT floors - resulting in 70% annual savings in maintenance costs.</p>
	<p>RAPIDLY RENEWABLE CONTENT</p>	<p>Contains 3% rapidly renewable resource content.</p>
	<p>WARRANTY</p>	<p>This product is backed by our Limited 15Year Commercial Warranty and Limited 15 Year Quantum Guard® HP Warranty</p>
	<p>XPRESS</p>	<p>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.</p>

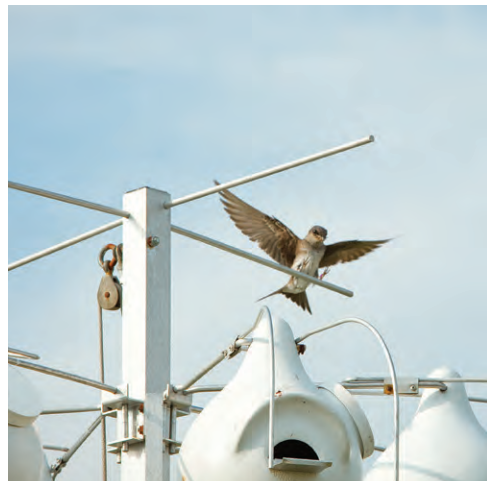
## SUSTAINABILITY

	<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>















## 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>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>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>We have a responsible end-of-life plan for the products we manufacture. Through our LOOP® reclamation, we take back post-consumer carpet and closed-loop recycle it back into carpet. We also have closed-loop recycling processes in place for our VCT and LVT products and produce the only carpet-to-hard surface flooring – resilient sheet with 35% recycled content.</p>





**SPECIFICATIONS | DIVERGENT**

	CONSTRUCTION	Luxury Vinyl Tile and Plank with bevelled edges
	AVAILABLE SIZES	18" x 18" (457 x 457 mm); 18" x 36" (457 x 915 mm) Estuary only. All with beveled edges
	WEARLAYER THICKNESS	30 mil (0.76 mm)
	OVERALL THICKNESS	0.098" (2.5 mm)
	PIECES PER CARTON	18 pcs - 18" x 18"; 9 pcs - 18" x 36"
	COVERAGE PER CARTON	40.5 sq. ft. (3.76m <sup>2</sup> ) of 18" x 18" and 18" x 36"
	3RD PARTY CERTIFICATION	FloorScore, Industry wide 3rd party Type III EPD (Environmental Product Declaration)
	LEED	Mannington Commercial products may contribute to multiple LEED credits.
	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 retardance when compared to standard LVT floors - resulting in 70% annual savings in maintenance costs.
	RAPIDLY RENEWABLE CONTENT	Contains 3% rapidly renewable resource content.
	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
	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.
	WARRANTY	This product is backed by our Limited 15 Year Commercial Warranty and Limited 15 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.
	STATIC LOAD LIMIT	750 PSI
	SPECIFICATIONS (ASTM F-1700)	Class III, Type B
	HEAT STABILITY (ASTM F-1514)	Passes
	STAIN & CHEMICAL RESISTANCE (ASTM F-925)	Passes
	COEFFICIENT OF FRICTION (COF)	≥ 0.5 Leather; 0.6 Rubber
	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
	IMPACT SOUND TRANSMISSION (I1C) (ASTM-E-492)	N/A
	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 LVT Spray Adhesive / RH 90%, MVER 8, pH11, XpressStep Premium Spray Adhesive / RH 93%, MVER 10, pH12 <i>Note: Must use V-95 or XpressStep for LVT or Premium Spray adhesive under hospital beds and heavy rolling loads or where high performance is needed.</i>