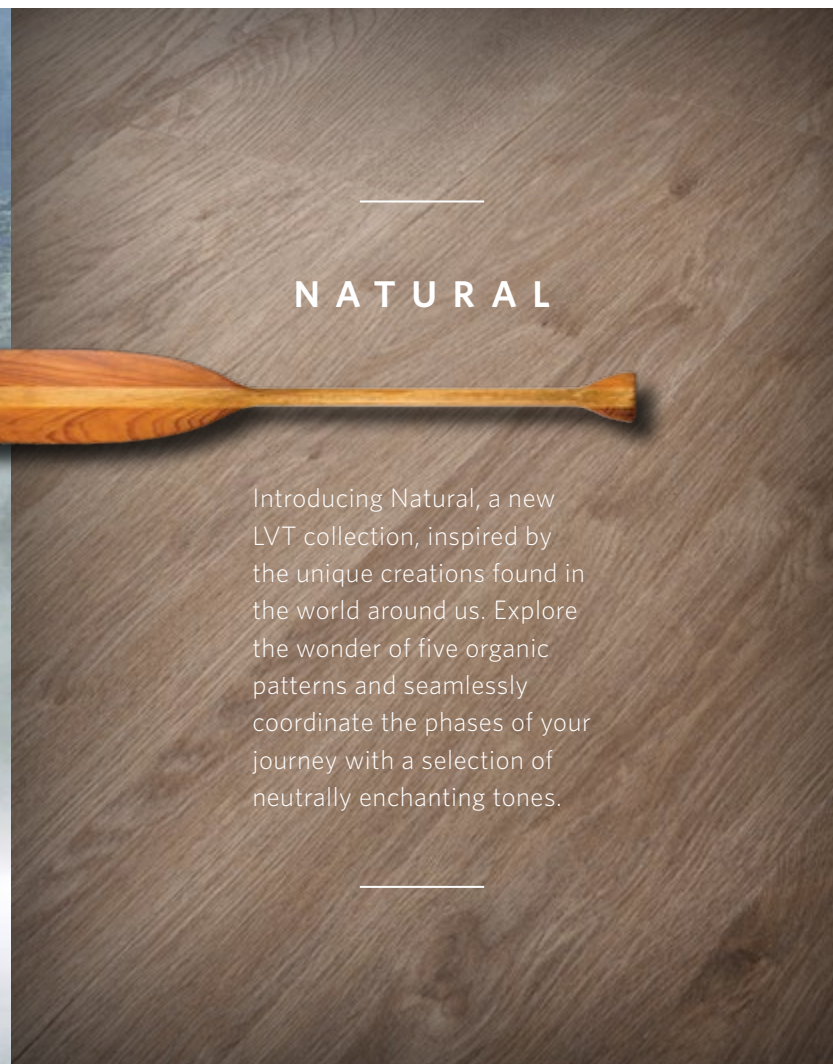




LVT | NATURAL
Loose Lay



Milliken™



NATURAL

Introducing Natural, a new LVT collection, inspired by the unique creations found in the world around us. Explore the wonder of five organic patterns and seamlessly coordinate the phases of your journey with a selection of neutrally enchanting tones.

IT CALLS TO US



HERITAGE WOOD



FARGESIA BAMBOO



PIKE



SHENANDOAH



GUNNISON

FORGE YOUR OWN PATH

The evidence of movement and progression surrounds us, captured within textures that decorate the natural world. From the calming flow of a gentle stream to mountains shaped by harsh core tensions, every surface element has the innate ability to affect and inspire us.

9"
(actual size)



All planks are
9" x 59.7" in size.



59.7"

PIKE

Available in a gradient of light to dark tones, Pike mimics the intricate markings of bark. With a subtle blending of shades and a variation of texture, Pike adds a serene and welcoming depth to spaces.



Pike in Cloud PIK144. Vertical ashlar.



Installation



Detail

Cloud PIK144



Installation

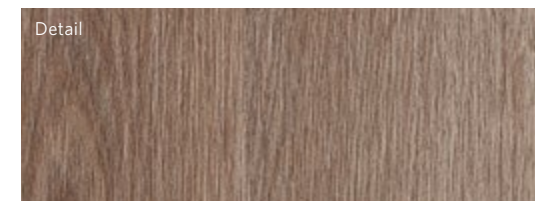


Detail

Dew PIK121-204



Installation

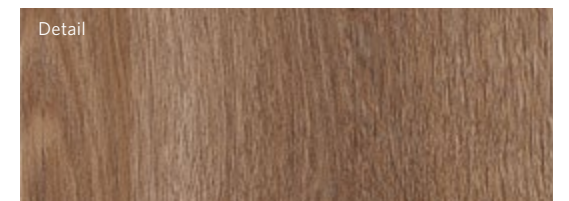


Detail

Antler PIK124-208



Installation



Detail

Bark PIK176-121

TILE SIZE 9" x 59.7" PIECES / CARTON 6 WEIGHT / BOX 46.14 lbs FT² / BOX 22.4 ft²

SHENANDOAH

Bold and expressive, Shenandoah is available in a range of weathered neutrals, progressing from light to dark. Displaying varied focal points of texture and direction, Shenandoah emulates wooden knots and applies unique gradations to create visual interest.



Shenandoah in **Fog** SHE76-144 and **Moose** SHE145. Vertical ashlar.



Installation

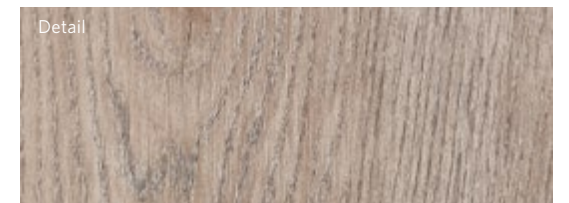


Detail

Fog SHE76-144



Installation



Detail

Mist SHE208



Installation



Detail

Moose SHE145



Installation



Detail

Whimsy SHE176

TILE SIZE 9" x 59.7" PIECES / CARTON 6 WEIGHT / BOX 46.14 lbs FT² / BOX 22.4 ft²



Carpet: Color Field in Ocean Mist COL126, Felt Gray COL5 and Dry Dock COL126-5. Vertical ashlar. **Shenandoah** in **Mist** SHE208. Vertical ashlar.

SCENERY SYNTHESIS



HERITAGE WOOD

Offered in a selection of warm and cool hues, Heritage Wood is a regal pattern that boasts confidence while preserving a certain quietness. Showcasing an intricate flow of space and form, Heritage Wood enhances spaces with beautiful definition and charm.



Heritage Wood in Legacy HER145 and Pride HER208. Vertical ashlar.



Installation



Detail

Honor HER218



Installation

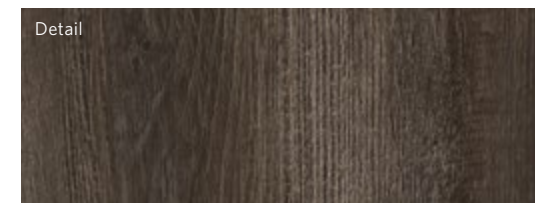


Detail

Pride HER208



Installation

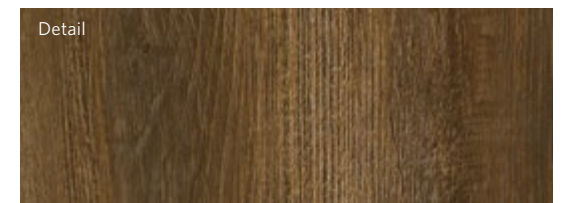


Detail

Legacy HER145



Installation



Detail

Courage HER76

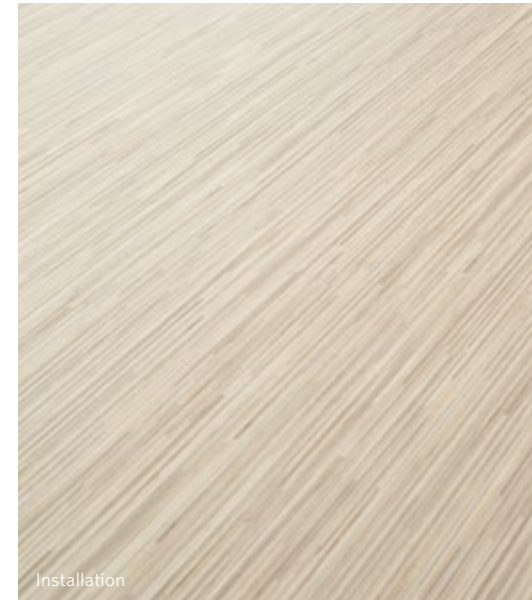
TILE SIZE 9" x 59.7" PIECES / CARTON 6 WEIGHT / BOX 46.14 lbs FT² / BOX 22.4 ft²

FARGESIA BAMBOO

Fargesia Bamboo instantly adds a linear flow to spaces, showcasing a delicate series of fine lines and alternating values. Richly layered while remaining light and airy, Fargesia Bamboo adds subtle movement and appeal.



Fargesia Bamboo in Fiber FAR217. Ashlar.



Installation



Detail

Fiber FAR217



Installation



Detail

Cane FAR18

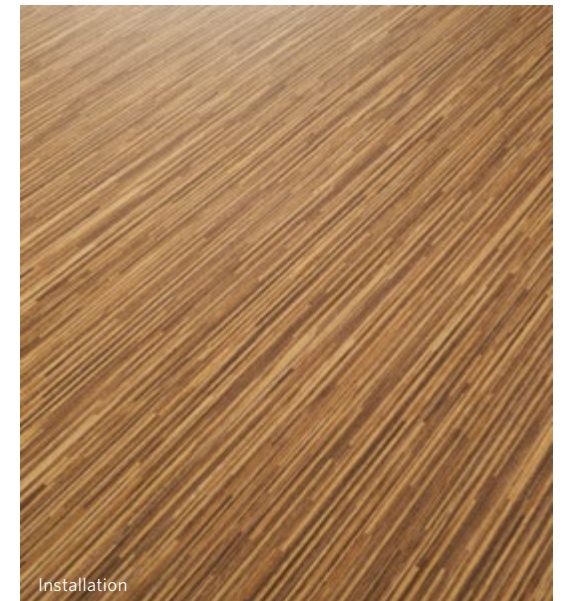


Installation

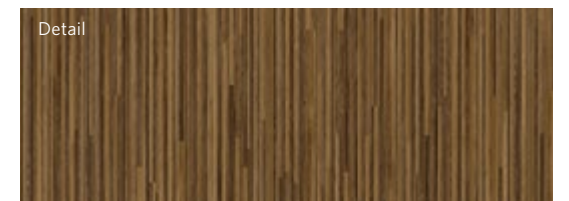


Detail

Wicker FAR79



Installation



Detail

Rattan FAR76

TILE SIZE 9" x 59.7" PIECES / CARTON 6 WEIGHT / BOX 46.14 lbs FT² / BOX 22.4 ft²



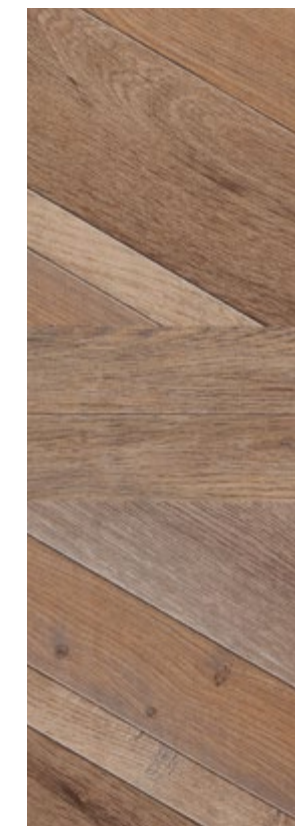
Gunnison in Brook GUN208-176. Vertical ashlar.

GUNNISON

Much like the varying species of trees found in a forest, Gunnison emulates a natural interpretation of wooden features and brings a peaceful mindfulness to spaces.



Brook GUN208-176



A FINISHING TOUCH

Gunnison features two horizontal caps found on the top and bottom of each plank. These caps are imprinted with a contemporary design encouraging seamless integration. Shown left, the bottom horizontal cap of one Gunnison plank meets the top cap of another, illustrating effortless installation. Style Gunnison alone or coordinate with other LVT selections for a beautifully finished floorscape.

TILE SIZE 9" x 59.7" PIECES / CARTON 6 WEIGHT / BOX 46.14 lbs FT² / BOX 22.4 ft²



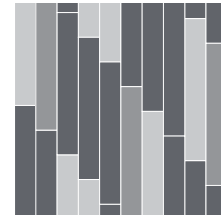
Heritage Wood in **Honor** HER218. Vertical ashlar inset. **Pike** in **Antler** PIK124-208. Vertical ashlar.

Natural LVT features five distinct patterns available in a corresponding series of warm and cool tones. These options present unmatched design flexibility, offering utmost creative freedom when producing an installation layout as well as an appealing pattern and flow.

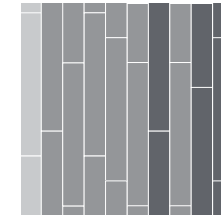
INSTALLATION INSPIRATION



Pike in Dew PIK121-204.
Pike in Bark PIK176-121.



Pike in Antler PIK124-208.
Pike in Cloud PIK144.
Shenandoah in Fog SHE76-144.



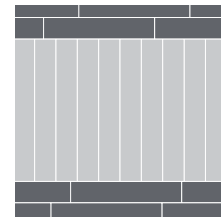
Shenandoah in Moose SHE145.
Shenandoah in Fog SHE76-144.
Pike in Cloud PIK144.



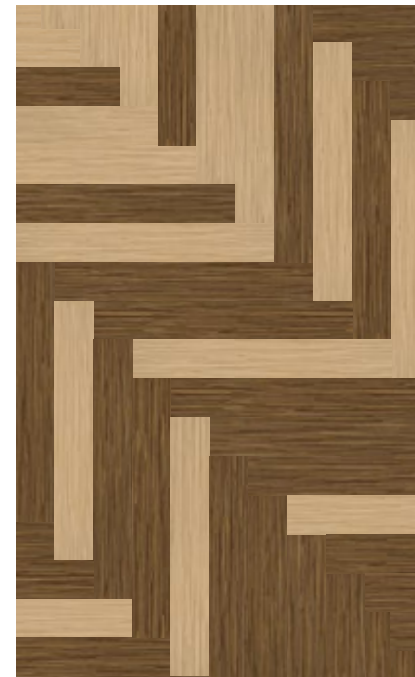
Heritage Wood in Legacy HER145.
Heritage Wood in Pride HER208.



Shenandoah in Moose SHE145.
Shenandoah in Mist SHE208.



Heritage Wood in Courage HER76.
Gunnison in Brook GUN208-176.



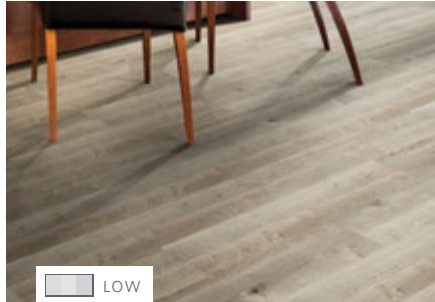
Fargesia Bamboo in Rattan FAR76.
Fargesia Bamboo in Cane FAR18.



Shenandoah in Whimsy SHE176.
Heritage Wood in Honor HER218.

QUICK REFERENCE GUIDE

PIKE



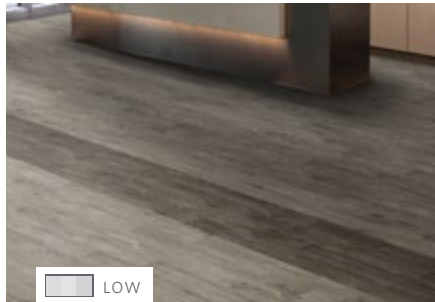
LOW



TILE SIZE
9" x 59.7" (23cm x 152cm)

- COLORS**
- Cloud** PIK144
 - Dew** PIK121-204
 - Bark** PIK176-121
 - Antler** PIK124-208

SHENANDOAH



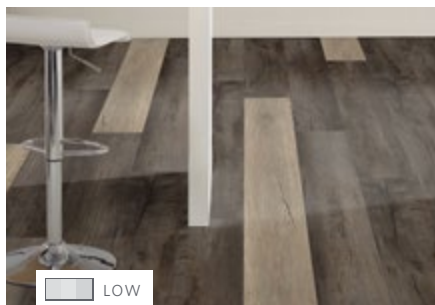
LOW



TILE SIZE
9" x 59.7" (23cm x 152cm)

- COLORS**
- Fog** SHE76-144
 - Mist** SHE208
 - Whimsy** SHE176
 - Moose** SHE145

HERITAGE WOOD



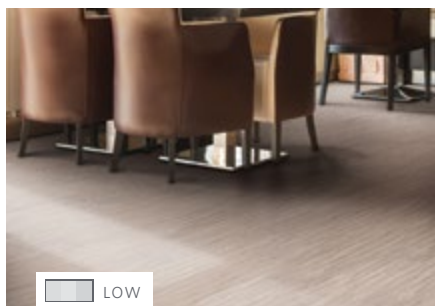
LOW



TILE SIZE
9" x 59.7" (23cm x 152cm)

- COLORS**
- Honor** HER218
 - Pride** HER208
 - Courage** HER76
 - Legacy** HER145

FARGESIA BAMBOO



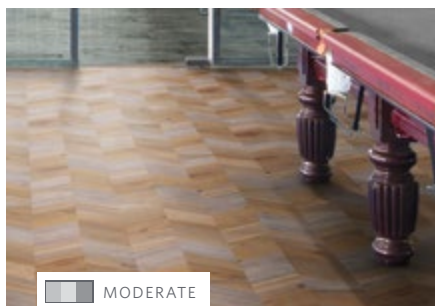
LOW



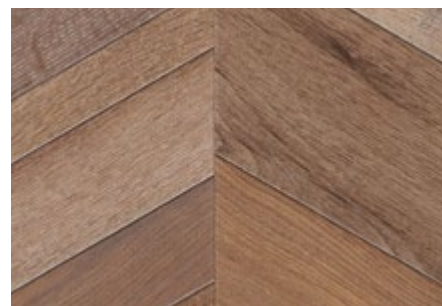
TILE SIZE
9" x 59.7" (23cm x 152cm)

- COLORS**
- Fiber** FAR217
 - Cane** FAR18
 - Rattan** FAR76
 - Wicker** FAR79

GUNNISON



MODERATE



TILE SIZE
9" x 59.7" (23cm x 152cm)

- COLORS**
- Brook** GUN208-176

**SHADE
VARIATION GUIDE**

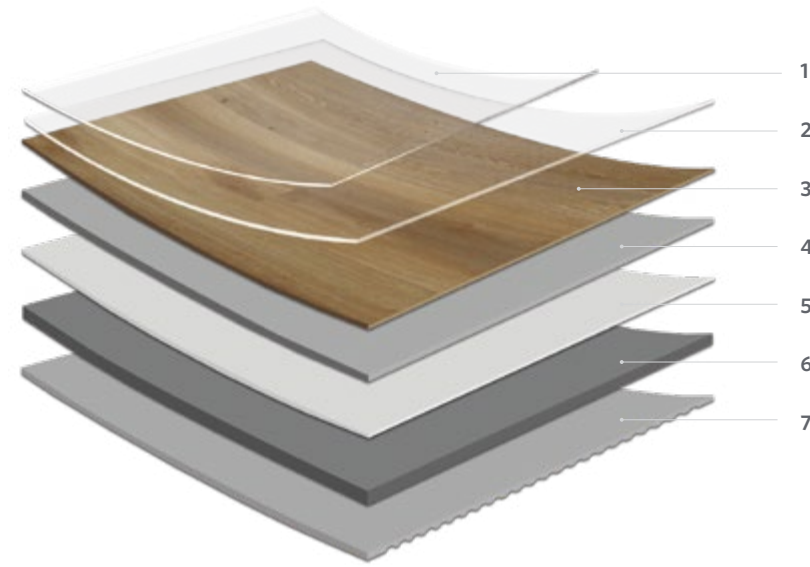
Beautiful variations of shade within a single pattern will be found in this unique LVT product, ranging from low, to moderate, to high.



LOW MODERATE HIGH

Low shade variation will feature soft and subtle gradations. Moderate shade variation will contain a more distinguishable variety of hue. And, a high shade variation will model the highest level of contrast.

LOOSE LAY LVT CONSTRUCTION



Wear Layer Thickness
28 mil (0.7 mm)

Overall Thickness
.197" (5 mm)

- 1. REINFORCED POLYURETHANE COATING**
Provides excellent stain and abrasion resistance, eliminates the need for wax, polishes and harsh chemicals, providing reduced maintenance costs and improved IAQ
- 2. TRANSPARENT WEAR LAYER**
Hard wearing, provides long lasting appearance retention in heavy commercial traffic environments
- 3. PRINTED LAYER**
This layer utilizes high definition print film for stunning, eye-perfect, authentic visuals
- 4. CORE LAYER**
High performance layer that provides extra stability and durability
- 5. GLASS FIBER LAYER**
Minimizes expansion and contraction under extreme temperatures
- 6. BACKING LAYER**
High vinyl content backing layer provides robust foundation and impact resistance
- 7. NON-SKID BACKING**
Allows adhesive free installation and replacement

SHIPPING INFORMATION

DESIGN NAME	TILE SIZES	PCS / CARTON	LBS./BOX	FT ² /BOX
Pike	9" X 59.7"	6	46.14	22.4
Shenandoah	9" X 59.7"	6	46.14	22.4
Heritage Wood	9" X 59.7"	6	46.14	22.4
Fargesia Bamboo	9" X 59.7"	6	46.14	22.4
Gunnison	9" X 59.7"	6	46.14	22.4

LVT ACOUSTICAL PERFORMANCE

The reduction of impact noise can be an important consideration when selecting LVT for your project, which is why Milliken's Luxury Vinyl Tile is designed to provide excellent noise reduction compared to natural equivalents. By either selecting the correct product or by combining with an acoustical underlayment or special adhesive, these products will meet and/or exceed International Building Codes (IIC) and STC ratings.

IIC AND STC RATINGS

TEST METHOD	CEILING ASSEMBLY	WITH/WITHOUT UNDERLAYMENT	IIC	STC
ASTM E492/ASTM E90	6" Concrete slab with drop ceiling	No underlayment	58	64
ASTM E492/ASTM E90	6" Concrete slab with drop ceiling	Milliken Premium LVT underlayment	69	65
ASTM E492/ASTM E90	6" Concrete slab with drop ceiling	Milliken Acousti-loc adhesive - No Underlayment	68	62

LVT UNDERLAYMENT

Milliken acoustic underlayment is the perfect solution for a quiet and comfortable floor.



- Made with high-density polyurethane foam
- Reduces floor noise by providing excellent sound absorption
- 100% recyclable and environmentally friendly
- Contains anti-microbial treatment
- Quick and easy installation
- Suitable for glue down and loose lay LVT installations

UNDERLAYMENT SPECIFICATIONS

PROPERTY	SPECIFICATION
Materials	100% High-Density Polyurethane foam underlayment bonded to moisture vapor film
Roll Size	100 ft ² (3' W x 33.34' L)
Thickness	1.5 mm
Width	33.34"
Density	30 lbs
Weight	2.65 oz/ ft ²
Rolls Per Box	4
Boxes Per Pallet	9
Antimicrobial Treatment	Yes
Thermal Resistance	R-Value .17
Compression Resistance ASTM D3676	41.51 psi
Compression Set ASTM D3574	4%
Flammability Rating	Passes Federal Flammability Standards DOC-FF-1-70
Smoke Density	Passes, 110 max
Product Emissions	Exceeds VOC emissions requirements
LEED Credits	MR 6: Rapidly renewable resource, EQ 4.3: Low emitting VOC's



Style Backed by Performance

Milliken Floor Covering offers products and expertise in all areas of your commercial spaces, including high-performance entryway systems, modular and broadloom carpet, luxury vinyl tile and milliCare®. Simplify your flooring projects by working with a trusted partner that lets you focus on enjoying the process of creating a great space.

Milliken™

Complete Performance and Support

ENTRYWAY SYSTEMS

The OBEX® brand of products offers highly effective, comprehensive modular entry solutions designed as a three-zone barrier system to prevent dirt and moisture from entering the building. Available in coordinated colors and patterns, OBEX entry products are engineered to increase the functionality of a building's entrance without forsaking elements of design or aesthetic.

MODULAR AND BROADLOOM CARPET

Milliken's broadloom and carpet tile incorporate the latest innovations in tufting and dyeing technology, achieving unique looks and excellent performance. All carpet tile products have cushion backing for an extended lifespan, as well as ergonomic and environmental benefits.

LUXURY VINYL TILE

From natural looks of wood and stone to more modern textures and abstracts, Milliken's collection of Luxury Vinyl Tile flooring creates new options for a commercial or hospitality interior. Our simple-to-search Color Reference system provides easy coordination of the LVT options to modular and broadloom carpets.

MILLCARE®

milliCare takes caring for your flooring and textiles off your to-do list, which means you can skip right to the part where you get to lean back, put your hands behind your head, and be a hero for keeping a beautifully cleaned space.



WARRANTY

Milliken Luxury Vinyl Tile products are backed by a 12 year Heavy Commercial & Lifetime Residential wear warranty, ensuring quality and giving peace of mind. For further information visit » millikenfloors.com/warranty



ENHANCED INVENTORY PROGRAM

With an enhanced inventory level for large installations containing select patterns and colors, Milliken's USA based inventory system makes it easy to respond as quickly as possible to your project needs.



SUSTAINABILITY

In keeping with Milliken's long-standing culture of sustainability, our Luxury Vinyl Tile products are 100% Ortho-Phthalate free. They do not contain problematic post-consumer recycled material, and they are manufactured at a 'zero landfill' facility, which recycles 100% of all water used in onsite manufacturing. Further, Milliken's Luxury Vinyl Tiles are certified to the most stringent global environmental standards, including: Floorscore, EPD, Declare, REACH, ISO:9001 & 14001, and OHSAS 18001. For further information, visit » millikenfloors.com/sustainability



MOISTURE MANAGEMENT

With Milliken's specialty LVT adhesive, our Luxury Vinyl Tile products can be installed in environments encountering high moisture readings up to 95% Relative Humidity. For further information, visit » millikenfloors.com/moisture

LVT | NATURAL

Loose Lay



NATURAL WORKS WITH ABSTRACT

Explore more design possibilities by combining selections from both the Abstract and Natural LVT collections. Offering brilliant flexibility with patterns and hues intended to complement one another, you can freely mix and match your favorites to create a floorscape that is expressively yours.

Construction

High Performance Luxury Vinyl Tile

Finish

Reinforced Polyurethane Coating

Wear Layer Thickness

28 mil (0.7 mm)

Overall Thickness

0.197" (5.0 mm)

Edge Profile

Micro Bevel

Critical Radiant Flux (ASTM E648)

Pass - Class I

Smoke Density (ASTM E662)

Pass - ≤ 450

Flexibility (ASTM F137)

Pass

Heat Stability by Color Change (ASTM F1514)

Pass

Light Stability (ASTM F1515)

Pass

Static Coefficient of Friction (ASTM D2047)

Pass

Dimensional Stability (ASTM F2199)

Pass

Resistance to Chemicals (ASTM F925)

Pass

ASTM E492 IIC Rating

58

ASTM E90 STC Rating

64

Static Load Limit (ASTM F970)

Pass

Installation

Loose lay with perimeter glue

Warranty

12 Year Limited Commercial Wear Warranty

LVT ENVIRONMENTAL STANDARDS

100% REACH Complaint FloorScore® certified Declare ingredient label Third Party Certified EPD. Milliken LVT is highly durable resilient flooring engineered with the highest quality raw materials to provide unsurpassed performance and enduring aesthetics. Milliken LVT is 100% phthalate free utilizing bio-based plasticizers derived from soya bean oil as the phthalate alternative. All production waste is granulated and recycled into backing production to create an internal closed loop recycling process. Milliken LVT is manufactured at facilities that are ISO 9001 and ISO 14001 compliant.



Growing greener for over 100 years.

This product has a UL® Environment 3rd party verified Environmental Product Declaration (EPD). A copy of the EPD is available online at millikencarpet.com/epd and productguide.ulenvironment.com.

Specifications are subject to normal manufacturing tolerances and may be changed without prior notice. Images in this brochure are approximate for color and pattern scale. Please use actual product samples to make your final selections.