



**FORTIFIED FOUNDATIONS 5.0MM**  
FLEXFORM™ LVT

Milliken™



# FORTIFIED FOUNDATIONS 5.0mm



## REIMAGINED AESTHETICS

Experience the timeless aesthetic of Fortified Foundations, our 5.0mm resilient collection. Featuring a selection of woods, stones, abstracts, and textiles in fresh designs and hues, Fortified Foundations allows you to effortlessly specify multiple flooring options for any space. Perfect for healthcare, education, and public spaces, this collection combines proven performance with intentional design.

# FLEXFORM™ 5.0mm | VALUE-ENGINEERED HARD FLOORING

## Art, backed by science.

Milliken’s resilient flooring collections create new options for commercial, hospitality, education and retail interiors. Easily coordinate between LVT and Milliken’s extensive carpet offerings – designed to work together.

### PROGUARD™ REINFORCED POLYURETHANE COATING

Integrated surface technology provides best in class scratch and stain resistance, eliminates the need for additional finishes or harsh chemical treatments.

### WEAR LAYER

Heavy commercial grade 22 mil transparent wear layer protects the print visuals and ensures product performs in heavy foot traffic.

### PRINTED LAYER

State of the art printing technology providing authentic visuals and designs.

### INTEGRAL SOUND ABSORPTION LAYER

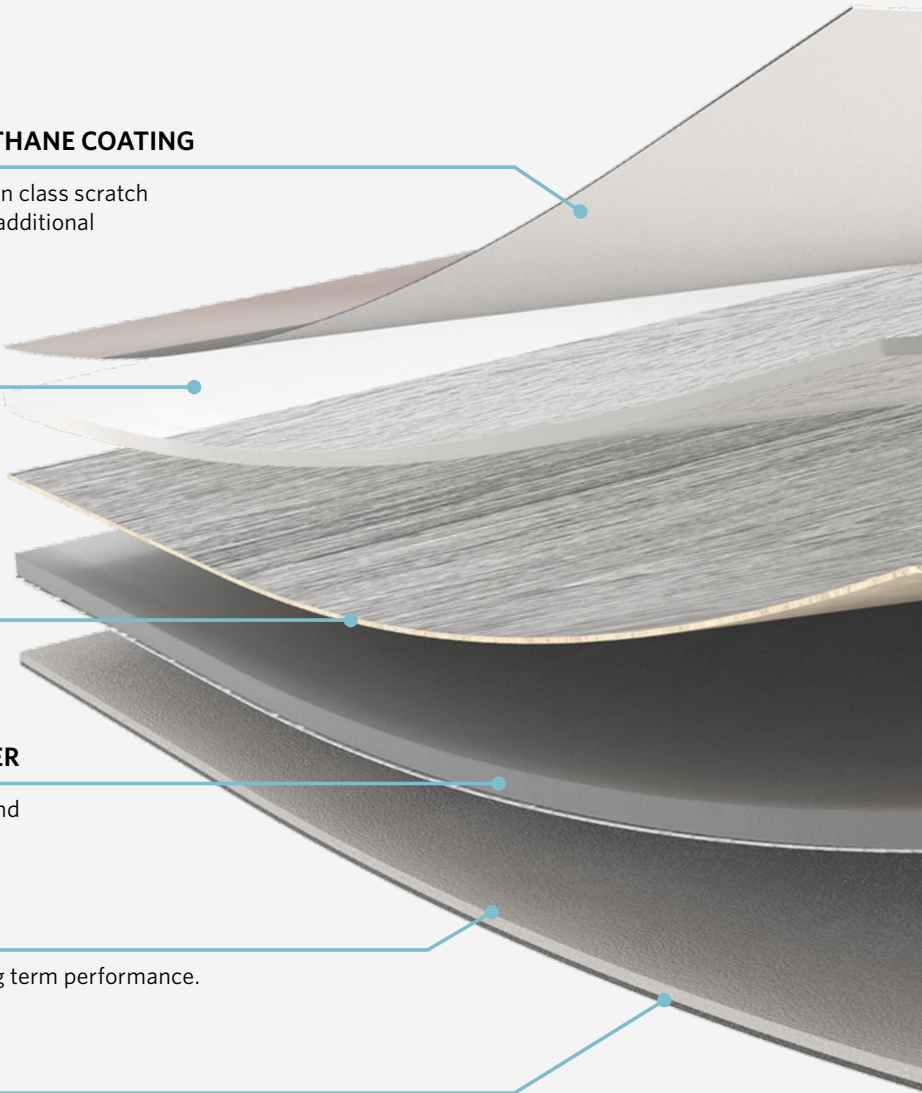
Provides improved acoustical performance and supports comfort underfoot.

### HIGH PERFORMANCE CORE LAYER

Ensures excellent durability, stability and long term performance.

### BACKING LAYER

Engineered balance layer provides stability and durability of the product.







## CREATIVE FREEDOM

Discover the pattern that suits your aesthetic. Choose from abstract, stone, textile, or wood to create a visually striking space guided by trends, quality, and Milliken performance attributes. This collection offers flexible options with thoughtfully developed color families, ensuring seamless pairings between new and existing patterns.





# SIBERIAN LARCH

Available in 7" x 48" planks in both 2.5 MM and 5.0 MM.



MODERATE



ASHLAR



RANDOM



Retreat 5.0 SIB217



Shelter 5.0 SIB48



Harbor 5.0 SIB124



Haven 5.0 SIB15



Cove 5.0 SIB211

# RAW WOOD

Available in 9" x 60" planks.



LOW



ASHLAR



RANDOM



Revival 5.0 RW69-44



Earthen 5.0 RW206



Sandy 5.0 RW219-217



Light Sandstorm 5.0 RW286





BASSWOOD

Available in 9" x 60" planks.

MODERATE

ASHLAR

RANDOM



Vanilla 5.0 BAS204



Honey 5.0 BAS114



Walnut 5.0 BAS10



PIKE

Available in 9" x 60" planks.

LOW

ASHLAR

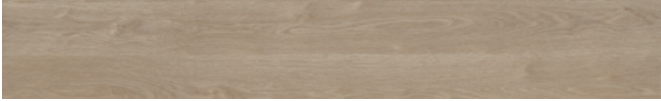
RANDOM



Cloud 5.0 PIK144



Antler 5.0 PIK124-208



Dew 5.0 PIK121-204



Bark 5.0 PIK176-121





HERITAGE WOOD

Available in 9" x 60" planks.

LOW

ASHLAR

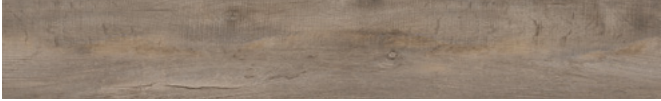
RANDOM



Honor 5.0 HER218



Courage 5.0 HER76



Pride 5.0 HER208



Legacy 5.0 HER145

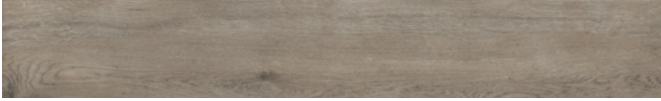
SHENENDOAH

Available in 9" x 60" planks.

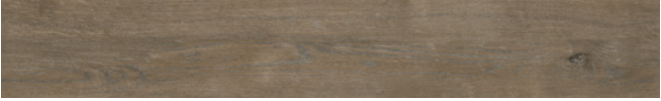
LOW

ASHLAR

RANDOM



Mist 5.0 SHE208



Whimsy 5.0 SHE176



Fog 5.0 SHE76-144



Moose 5.0 SHE145





CHEVRON

Available in 9" x 60" planks.

MODERATE

ASHLAR

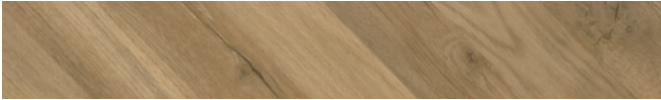
RANDOM



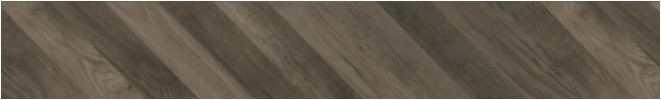
Flourish 5.0 CHV144



Thrive 5.0 CHV286



Mesmerize 5.0 CHV15



Abundance 5.0 CHV145



TANGIBLE

Available in 18" x 36" planks.

LOW

ASHLAR

RANDOM

HERRINGBONE



Dawn 5.0 TAN6



Dusk 5.0 TAN79



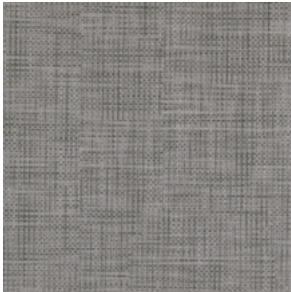


**POWER GRID**

Available in 18" x 18" tiles.



Parchment 5.0 PWG217



Coastal Gray 5.0 PWG180



Hemp 5.0 PWG234



Graphite 5.0 PWG13

**TERRAZZO**

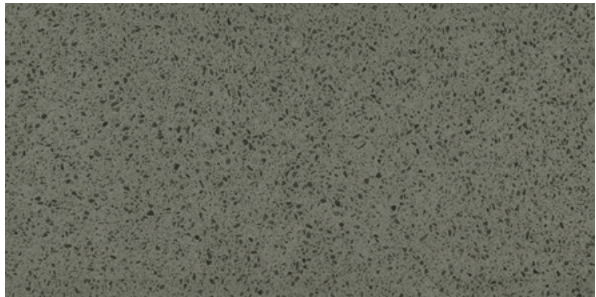
Available in 18" x 36" planks in both 2.5 MM and 5.0 MM.



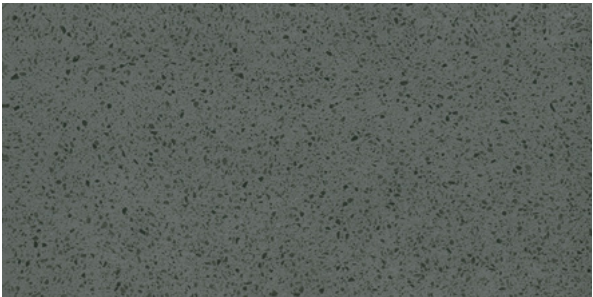
Pearl 5.0 TRZ213



Nickel 5.0 TRZ257



Grit 5.0 TRZ165



Ore 5.0 TRZ13





POLISHED CONCRETE

Available in 36" x 36" tiles.

LOW

↑↑

↓↓

ASHLAR

↶↷

↵↶

RANDOM



Ambient 5.0 POL213



Reflective 5.0 POL180



Scoring 5.0 POL144



Sandpaper 5.0 POL13







## DYNAMIC SOLUTIONS

Achieve superior through-floor noise mitigation alongside long-lasting comfort. Fortified Foundations with FlexForm™ backing significantly prolongs the life expectancy of our resilient flooring and possesses rigorous moisture management properties, increasing the well-being of your space.



# Milliken™ FOR HUMANKIND.



Scan to learn more about our  
commitment to sustainability.

## M/PACT™ Carbon Neutral Product

Climate change is one of the greatest threats facing humanity. That's why our modular flooring products are carbon neutral everywhere in the world. Let's work together for a better tomorrow.

## Sustainable features

Milliken LVT is durable resilient flooring engineered with the highest quality raw materials to provide unsurpassed performance and enduring aesthetics. Milliken LVT is 100% ortho-phthalate free. 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 compliant.



**M/PACT™**  
CARBON NEUTRAL PROGRAM

**Declare.**



# FORTIFIED FOUNDATIONS

## 5.0MM Product Specs

The information shown here is only a partial listing of the full product information. Visit our website for the complete and most up-to-date specifications of each product.

### FLEXFORM™ LVT

**Tile Size**  
7" x 48"

9" x 60"

18" x 18"

18" x 36"

36" x 36"

**Construction**  
High Performance Luxury Vinyl Tile

**Finish**  
ProGuard MAX™ Polyurethane Coating

**Wear Layer Thickness**  
22mil (0.55mm)

**Overall Thickness**  
5.0mm (0.197")

**Edge Profile**  
Micro Bevel

**Critical Radiant Flux (ASTM E648)**  
Pass - Class 1

**Smoke Density (ASTM E662)**  
Pass

**Short-Term/Residual Indentation (ASTMF1914-07)**  
Pass

**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

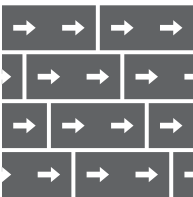
**Resistance to Chemicals (ASTM F925)**  
Pass

**Static Load Limit (ASTM F970)**  
Pass

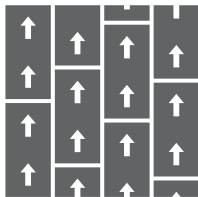
**Warranty**  
22 Year Limited Commercial Wear Warranty

#### Recommended Installation Methods

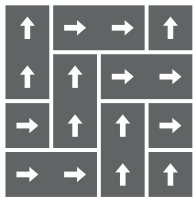
Planks:



Ashlar

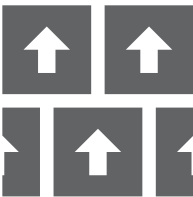


Random

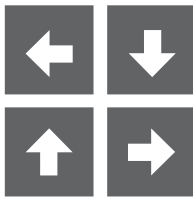


Herringbone  
(Recommended for 18" x 36" only)

Tiles:



Ashlar



Random

#### SHADE VARIATION GUIDE



Just as texture and physical appearance will vary in samples of wood, beautiful variations of shade are found in this unique LVT product. The shade variation guide reflects our LVT styles ranging from low, to moderate, to high. Low shade variation features soft and subtle gradations. Moderate shade variation contains a more distinguishable variety of hue. And high shade variation models the highest level of contrast. The patterns in **FORTIFIED FOUNDATIONS** have **varying** shade variation as noted throughout the brochure.

#### SHIPPING INFORMATION

Pattern	Size	Pieces/Box	SF/Box	Boxes/Pallet
Siberian Larch	7" x 48"	8 Pieces	18.6 SF	50 Boxes (933.33 SF)
Basswood, Chevron, Heritage Wood, Pike, Raw Wood, Shenandoah	9" x 60"	6 Pieces	22.4 SF	60 Boxes (1,344 SF)
Power Grid	18" x 18"	8 Pieces	18 SF	44 Boxes (792 SF)
Tangible, Terrazzo	18" x 36"	4 Pieces	18 SF	54 Boxes (972 SF)
Polished Concrete	36" x 36"	4 Pieces	36 SF	26 Boxes (936 SF)



Chevron in Mesmerize 5.0 CHV15. Random.





# FORTIFIED FOUNDATIONS 5.0

FLEXFORM™ LVT

## Construction

High Performance  
Luxury Vinyl Tile

## Finish

ProGuard MAX™ Coating

## Wear Layer Thickness

22 mil (0.55 mm)

## Overall Thickness

5.0 mm (0.197")

## Edge Profile

Micro Bevel

## Installation

Direct Glue or Loose Lay

## Nominal Sizes

18" x 18": (457 x 457 mm)  
18" x 36": (457 x 914 mm)  
36" x 36": (914 x 914 mm)  
7" x 48": (192 x 1,219 mm)  
9" x 60": (229 x 1,270 mm)

## Pieces Per Box

7" x 48": 8  
9" x 60": 6  
18" x 18": 8  
18" x 36": 4  
36" x 36": 4

## Weight Per Box

7" x 48": 35.31 lb (16.01 kg)  
9" x 60": 42.36 lb (19.22 kg)  
18" x 18": 34.07 lb (15.45 kg)  
18" x 36": 34.27 lb (15.54 kg)  
36" x 36": 67.63 lb (30.68 kg)

## Quantity Per Box

7" x 48": 18.67 ft² (1.73 m²)  
9" x 60": 22.4 ft² (2.08 m²)  
18" x 18": 18.0 ft² (1.67 m²)  
18" x 36": 18.0 ft² (1.67 m²)  
36" x 36": 36.0 ft² (3.34 m²)

## Warranties

22 Year Limited  
Commercial Wear

1 Year Manufacturing  
Defect Warranty

## Recommended Installation Method(s)

### Planks:



ASHLAR



RANDOM



HERRINGBONE  
(Recommended for  
18" x 36" only)

### Tiles:



ASHLAR



RANDOM

## SUSTAINABLE FEATURES

Milliken LVT is durable resilient flooring engineered with the highest quality raw materials to provide unsurpassed performance and enduring aesthetics.



**M/PACT™**  
CARBON NEUTRAL PROGRAM

**Declare.**

## SHOWN ON THE COVER

(Front) Shown in Chevron in Mesmerize 5.0 CHV15. Random.  
(Back) Shown in Tangible in Dawn 5.0 TAN6. Random Ashlar.

Images in this brochure are approximate for color and pattern scale. Please use actual samples to make your final selections.

Milliken™

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