

VT FlexCore®

Collection

wood / stones

NEXTILE
HARTMAN



High-Performance Acoustic Underlayer

Acoustic base layer engineered to effectively reduce impact noise in residential, commercial, and corporate applications. Made from sustainable materials and advanced sound absorption technology, it delivers superior acoustic attenuation without compromising floor system stability.

Properties



Optimized Acoustic Reduction: Significantly reduces the transmission of impact noise between floors, enhancing overall comfort.



Structural Adaptability: It's flexible composition compensates for minor subfloor irregularities, facilitating easier installation.



Enhanced Walking Comfort: Provides a softer, more comfortable step by absorbing micro-vibrations.



Versatile Compatibility: Designed to integrate with a wide range of floor finishes—from vinyl to laminate and hardwood.

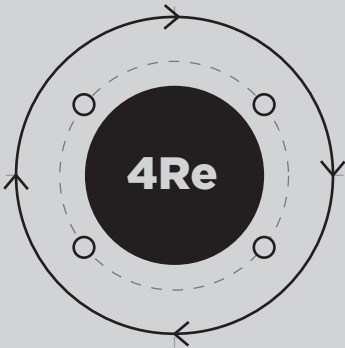
Recycle

We are preparing flooring materials made from plasticizers extracted from discarded PET bottles.

We are currently working on method to recycle discarded wallpaper and ways to utilize it into the Core Layer.

Replacement

We developed the UV coating later using bio-mass material extracted from corn stalks.



Reuse

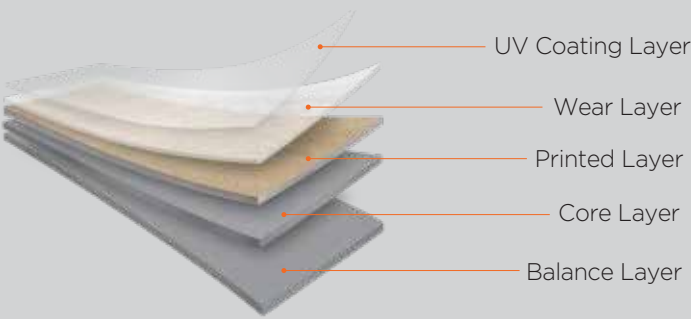
We developed method to reuse discarded plasticizers generated during sheet vinyl manufacturing.

Reduce

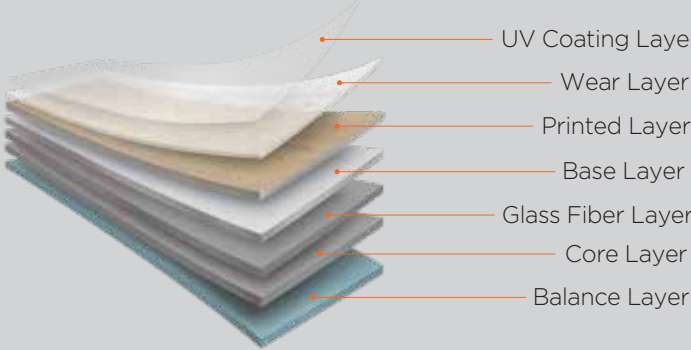
We are developing blends to reduce the use of petroleum-based chemical raw materials.

ASTM Test Report

Glue down



Looselay



Test Item	Standard	Results	Test Method
Thickness	As specified ± 0.005 in./lin.ft.(0.13mm)	PASS	ASTM F386
Wear Layer Thickness	-	PASS	ASTM F410
Size and Squareness : Size	± 0.016 in./lin.ft.(0.4mm/305mm)	PASS	ASTM F2055
Size and Squareness : Squareness	≤ 0.010 in.(0.25mm)	PASS	ASTM F2055
Flexibility	1 inch mandrel - no crack or break	PASS	ASTM F137
Dimensional Stability and curl	≤ 0.020 in./lin.ft.(0.51mm/305mm)	PASS	ASTM F2199
Residual Indentation	Average < 8%	PASS	ASTM F1914
Static Load Limit	≤ 0.005 "(0.127mm)@250psi	PASS	ASTM F970
Resistance to Heat	Average & Max ΔE < 8.0	PASS	ASTM F1514
Resistance to Light	Average & Max ΔE < 8.0	PASS	ASTM F1515
Chemical Resistance	No more than Slight Change	PASS	ASTM F925
Slip Resistance	ADA Compliant(> 0.50)	PASS	ASTM C1028
Slip resistance-james machine	≥ 0.50	PASS	ASTM D2047
Slip resistance-pendulum test	dry/wet ≥ 31	PASS	ASTM E303
Flammability	Cass I (>0.45 W/cm2)	PASS	ASTM E648
Smoke Density (Flaming / Non Flaming)	< 450	PASS	ASTM E662



Skugg

3mm / 5mm

With wide plank formats and precise definition, the Skugg collection brings a measured blend of warmth and restraint. Its palette spans from pale ash to deep, weathered browns, offering material clarity and versatility across hospitality, residential, and commercial environments.

Ask

177.8mm x 1,219.2mm



Vik

177.8mm x 1,219.2mm



Brun

177.8mm x 1,219.2mm



Skugg

A collection of tiles that feel aged, architectural, and effortlessly silent — made for spaces that embrace nuance, contrast, and quiet confidence.



Dămpa

Inspired by the tones of late light, this VT FlexCore® collection reveals a quiet, timeless version of oak — more restrained, more architectural, more texture than decoration.



Dämpa

3mm / 5mm

Natural, but never rustic. Dämpa reinterprets the essence of wood through the quiet precision of a collection of VT FlexCore® surfaces that bring organic rhythm, subtle grain, and tonal clarity into architectural interiors.

Nalm

228.6mm x 1,524mm



Vaen

228.6mm x 1,524mm



Holm

228.6mm x 1,524mm



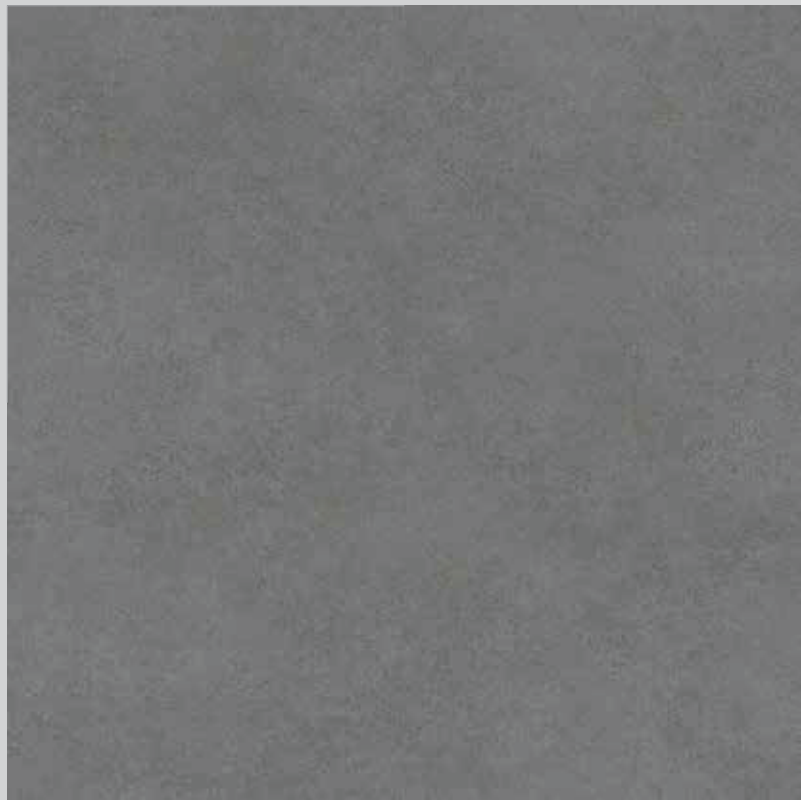
Tråd

3mm / 5mm

In the language of Tråd, surfaces represent a quiet form of architecture. These models feature two-toned foundations designed to hold space with subtle strength. Crafted in high-performance VT FlexCore®, both floors are mineral-inspired and built for durability with visual restraint — ideal for projects that seek clarity, continuity, and calm.

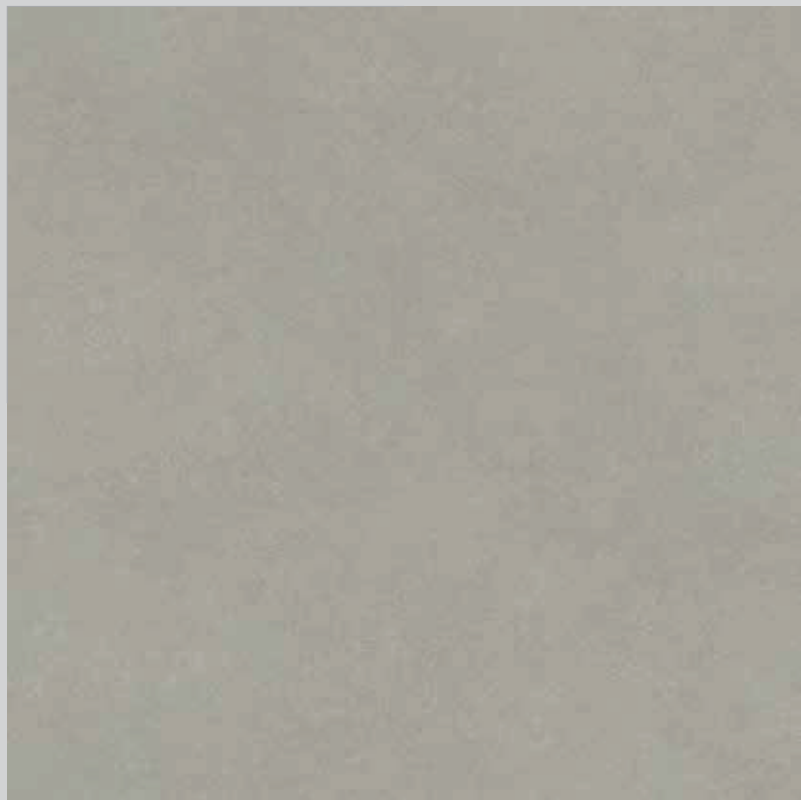
Skarn

600mm x 600mm



Tavik

600mm x 600mm



Tråd

Defined by subtle veins, soft textures, and tonal depth, this collection is ideal for interiors that evoke lightness, balance, and serenity.



Văv

Each color is expressive yet grounded, offering a palette that adapts to collaborative, creative and high-traffic environments.



3mm / 5mm

From the quiet strength of stone to the softness of weathered earth, the Väv Collection captures the natural balance of Nordic landscapes. Refined, resilient, and remarkably silent underfoot, each surface is engineered with VT FlexCore® to bring elevated realism and tactile elegance to high-performance spaces.

Lirwen

457.2mm x 914.4mm / 457.2mm x 457.2mm



Sävra

457.2mm x 914.4mm / 457.2mm x 457.2mm



Dräk

457.2mm x 914.4mm / 457.2mm x 457.2mm



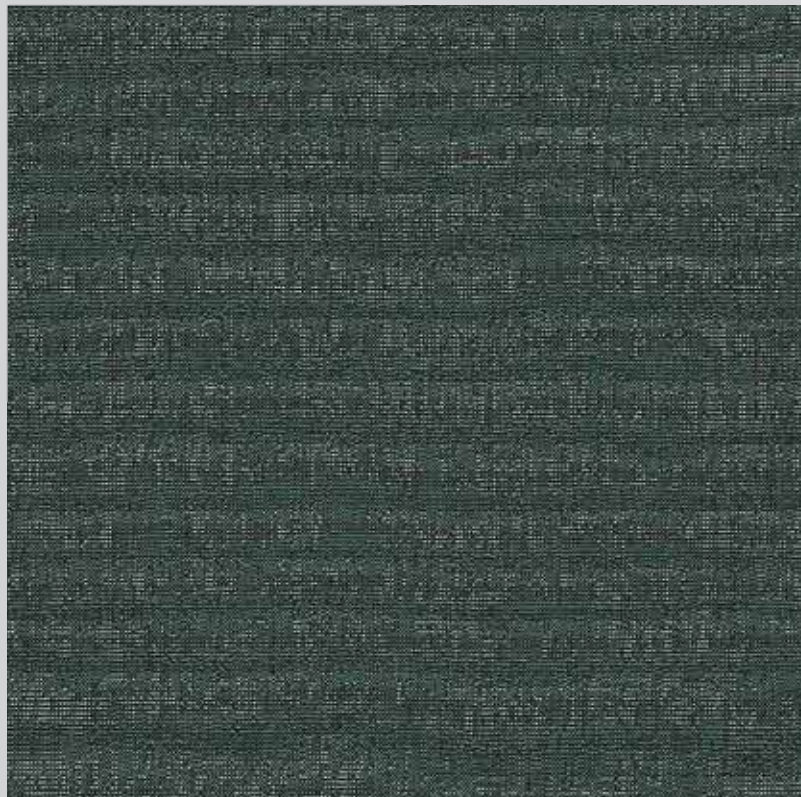
Tygel

3mm / 5mm

This is Tygel — reimagined through woven tactility and expressive tone. The collection introduces a refined textile surface that merges softness and structure, offering a balance suited to collective spaces, creative floorscapes, and moments of focused movement.

Elvar

600mm x 600mm



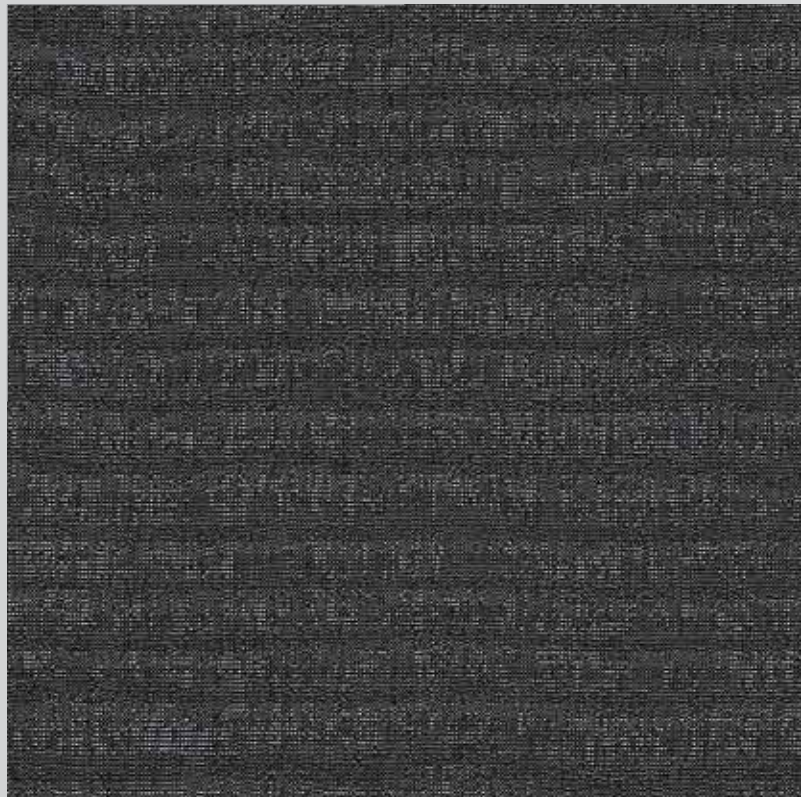
Marn

600mm x 600mm



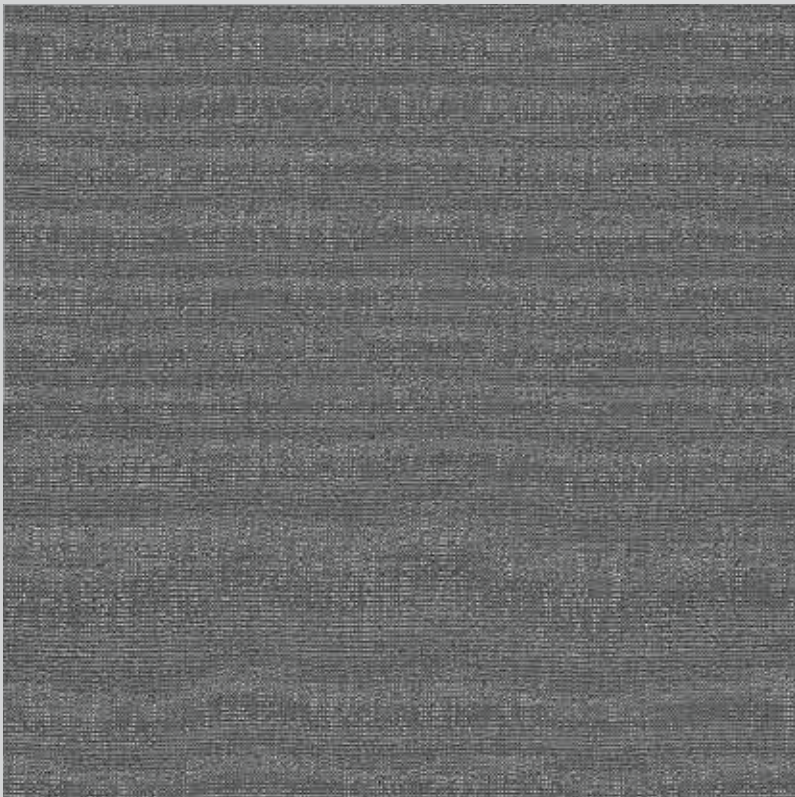
Drem

600mm x 600mm



Lysr

600mm x 600mm



Tygel

With soft lines, neutral warmth and architectural clarity, this VT FlexCore® collection brings Nordic timber aesthetics into modern interiors.



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