

The Kährs logo is a red square with the word "Kährs" in white, sans-serif font. A registered trademark symbol (®) is located at the top right of the letter 's'.

Kährs®

COMMERCIAL
FLOORING

The background image shows a modern office interior. In the foreground, there is a large area covered with Kährs UPOFLOOR tiles in various shades of grey, brown, and wood-grain patterns. To the left, there is a wooden modular seating area with orange cushions. In the background, there is a glass-walled office space and a staircase with a white railing. A tree is visible on the left side of the image.

KÄHRS UPOFLOOR
PRODUCT CATALOG

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@KahrsFlooring_US



Kährs - Americas



@KahrsFlooring



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THE STORY OF

KÄHRS UPOFLOOR

AN INDUSTRY PIONEER THEN AND NOW

Upofloor is a Finnish flooring manufacturer that was established in 1955 in the town of Nokia. Today, Upofloor is still operated out of Finland as a full-service worldwide flooring manufacturer, driven by the guiding principle of providing design-driven, technologically advanced, and ecologically conscious floorings.

In 2012, Kährs Group acquired Upofloor as part of the mission to offer a full portfolio of “floors beyond expectations.” Upofloor is now being brought fully under the Kährs brand, and going forward, the Upofloor brand will become part of the Kährs product offering as “Kährs Upofloor.” While the name of the Upofloor brand is changing, the products will remain the same: high-performing, extremely durable, aesthetically bold, and environmentally friendly.

The Kährs and Upofloor brands are extremely compatible, as both are well-respected innovators in the flooring industry. Since the 1950s, Upofloor has been a revolutionary leader in the commercial flooring industry, and since 2000, has led the industry as a pioneer in PVC-free flooring. As one of the oldest wood flooring manufacturers in the world, Kährs holds prestige as the inventor of the first engineered hardwood floor as well as being the first to offer a glueless locking system on wood flooring. With these brands joining forces, Kährs Flooring will be the one-stop-shop for sustainable, high-quality flooring for any space and style.

1955

Upofloor Oy founded, manufacturing resilient coverings in Nokia, Finland.

2004

Introduced the first PVC-free homogenous sheet flooring. Today, this innovation lives on as the PVC-free Zero range of products.

2012

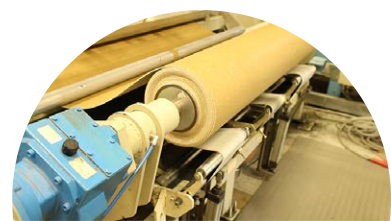
Upofloor acquired by Kährs Group.


2021

Upofloor merges with Kährs to become Kährs Upofloor.

2022

Zero & GREEN Collection introduced.





KÄHRS UPOFLOOR QUARTZ

DURABLE FLOORING TILES FOR HEAVY TRAFFIC.
MODULAR PERFORMANCE FOR CREATIVE DESIGN.

Quartz Tiles

- Developed for tough traffic in public spaces
- Made of quartz sand & calcium carbonates
- Designs available in monochrome & multicolor
- Environmentally friendly
- Sustainably manufactured
- Over 70 color options

Easy & Cost Effective Maintenance

- 3500 PSI for extreme durability
- Easy installation with minimal waste
- No wax or finish required
- PUR technology promotes easy cleaning during lifespan of the floor
- Lower annual maintenance life cycle costs vs. VCT
- 15 Year Commercial Non-Prorated Warranty

Sustainability & Air Quality

- Part of the mindful MATERIALS Library
- FloorScore® Certified
- Certified Low-VOC Flooring Product
- Phthalate free & DEHP Free
- Contributes to LEED credits

8355
Blue Calcite

8356
Lace Agate

8369
Moss Agate



QUARTZ

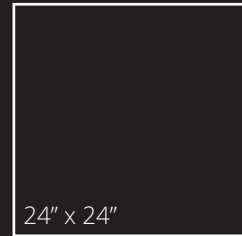
FOUR COLLECTIONS WITH MODULAR DESIGN

MOSAIC

Explore color and design with the extensive Quartz Mosaic color palette. The tone-on-tone tinted granulates soften the visual appearance while also hiding dirt efficiently, making Mosaic suitable for even the most demanding areas and situations.



30 COLORS



24" x 24"



12" x 12"

TEMA

Quartz Tema offers a minimalistic chip design in a wide range of colors. Tema is an excellent choice for a subtler look while still offering a forgiving chip design that prevents signs of dirt and usage. Tema colors and sizes are nicely combined with Mosaic colors to create a stunning pattern.



16 COLORS



24" x 24"



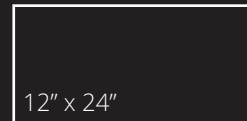
12" x 12"

UNI

Our single-color Quartz Uni collection offers plenty of alternatives for timeless floor designs. Choosing different colors of Uni products, or combining Uni with other Quartz tiles, easily creates additional character.



17 COLORS



12" x 24"



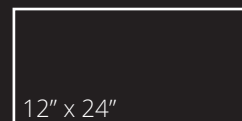
12" x 12"

LINES

Give a warm welcome to Quartz Lines, the newest addition to the Quartz family. A true benefit of choosing the Lines design is that it shows direction. If you want to guide the eye and make rooms look longer or shorter, Lines is the perfect tool for you. This collection offers 16 colors and can be combined with other Quartz designs.



16 COLORS



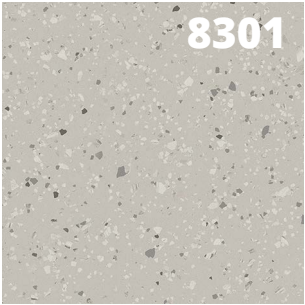
12" x 24"

KÄHRS UPOFLOOR QUARTZ

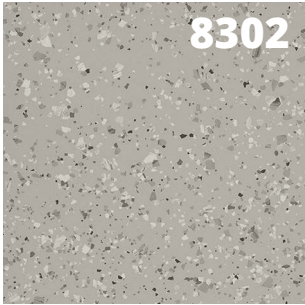
MOSAIC

30 COLORS

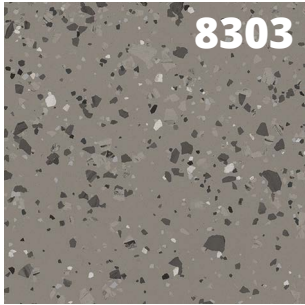
Howlite White



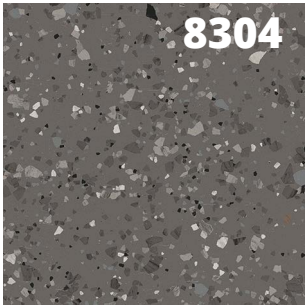
Conglomerate Grey



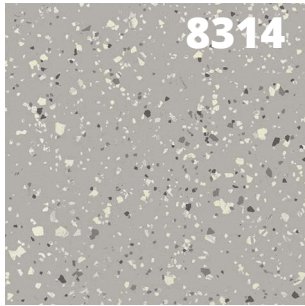
Gabbro Grey



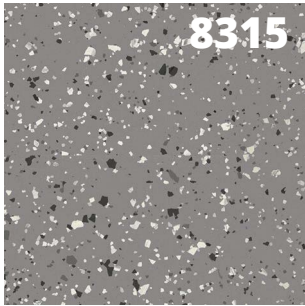
Scoria Grey



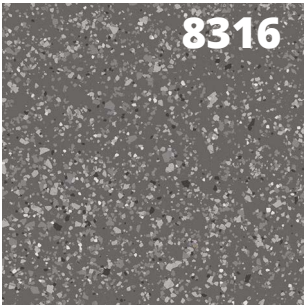
Quartz Thunder



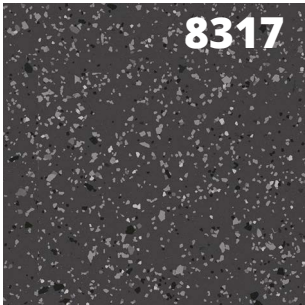
Lava Grey



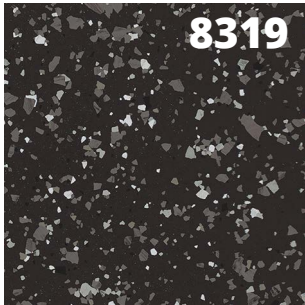
Dolorite Grey



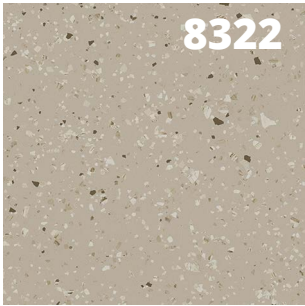
Zebra Jasper



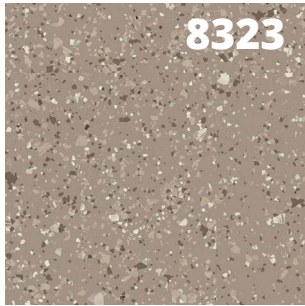
Spinel Black



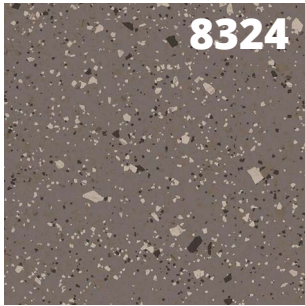
Nude Limestone



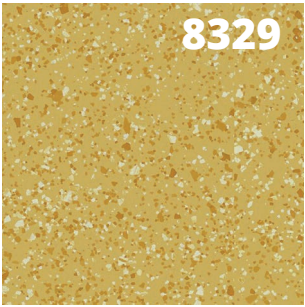
Modest Cancrinite



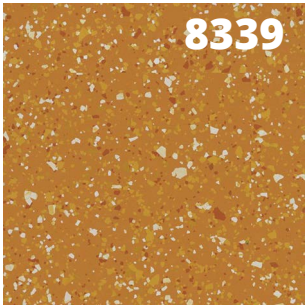
Hypersthene Ash



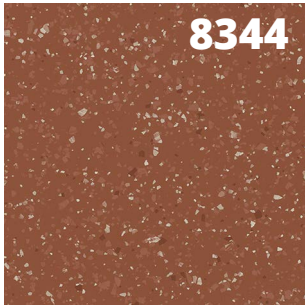
Amber Yellow



Sunstone Orange



Tigereye Red

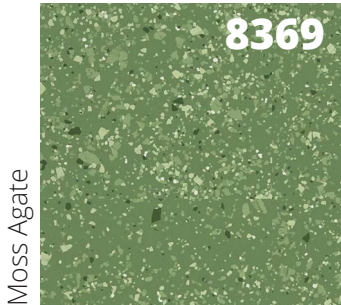
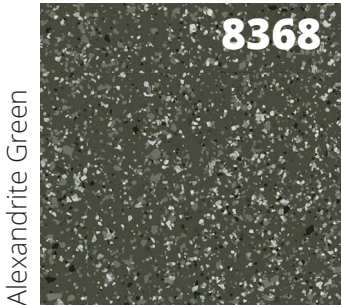
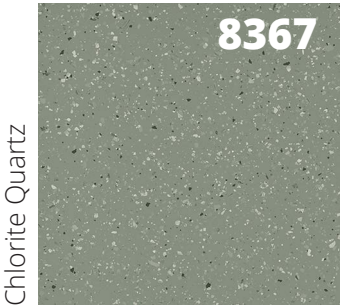
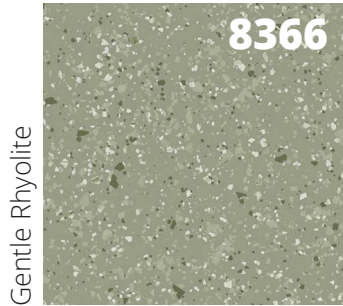
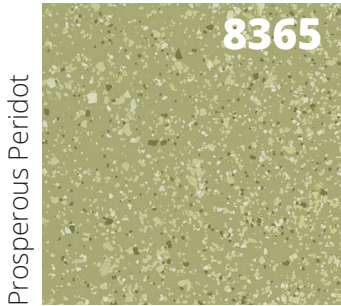
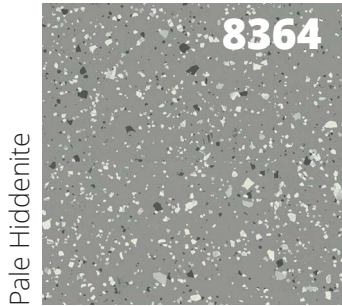
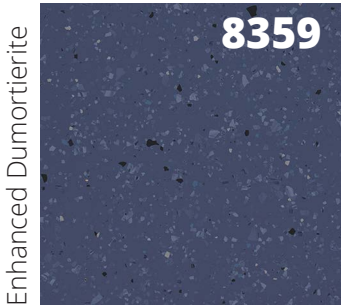
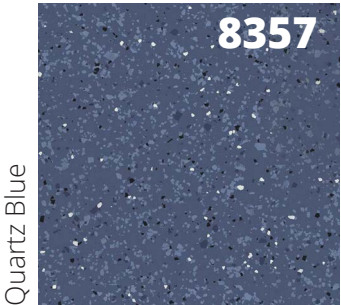
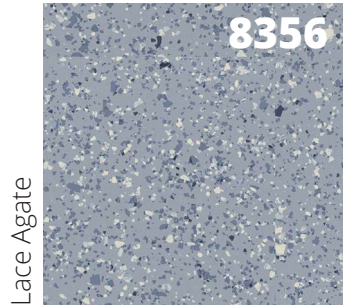
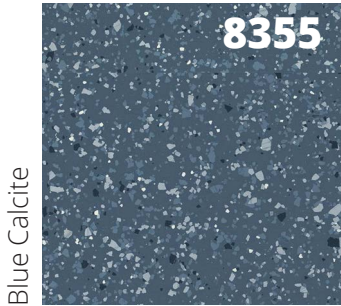
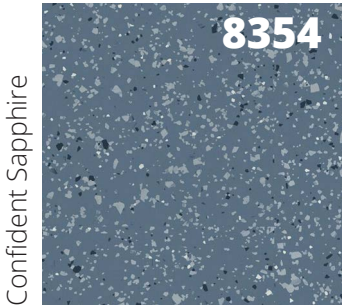
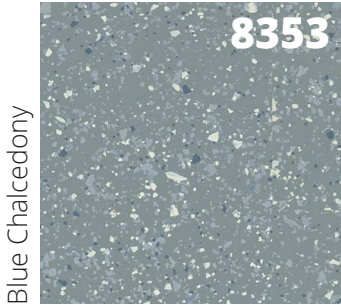
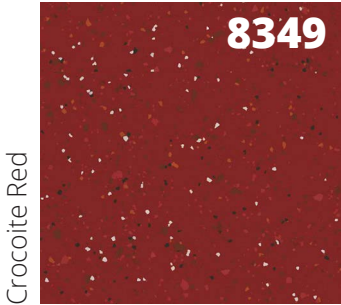
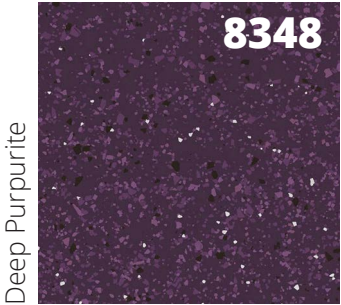


Available Sizes:
24" x 24"
12" x 12" (special order)

KÄHRS UPOFLOOR QUARTZ

MOSAIC

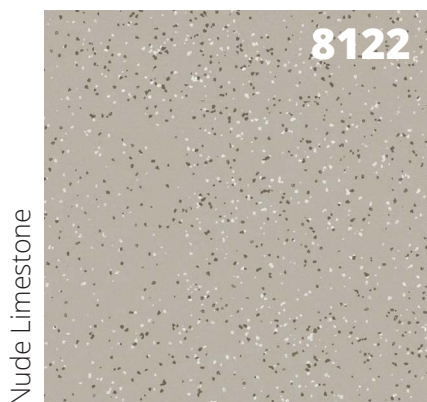
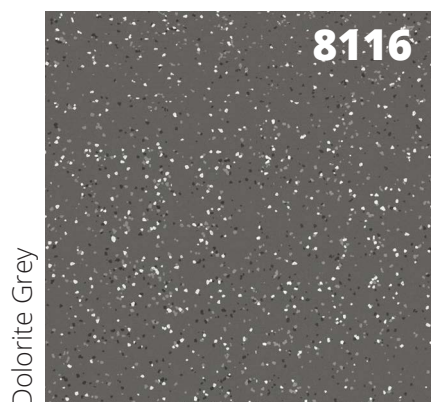
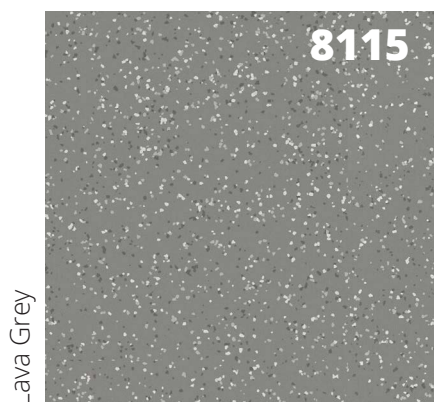
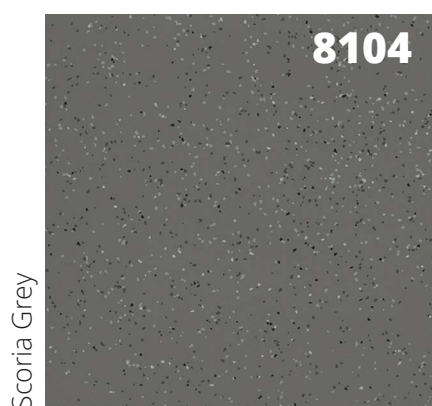
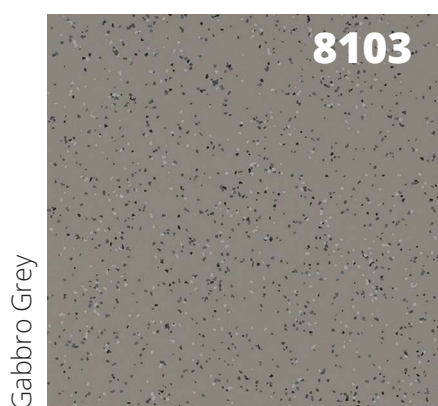
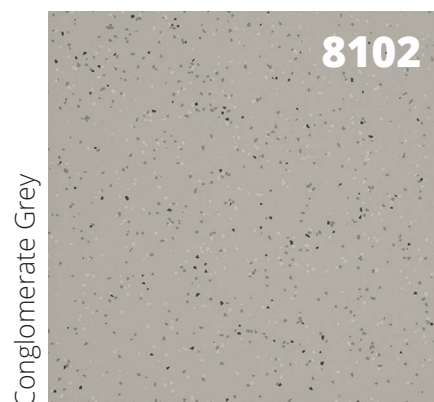
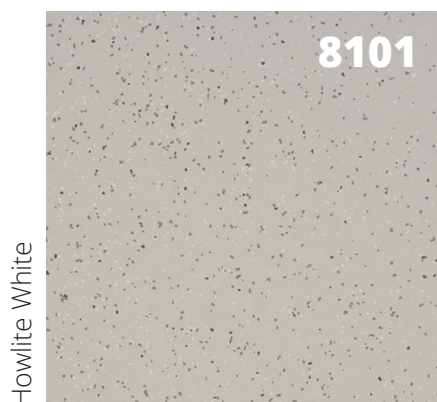
30 COLORS



Available Sizes:
24" x 24"
12" x 12" (special order)

KÄHRS UPOFLOOR QUARTZ TEMA

16 COLORS



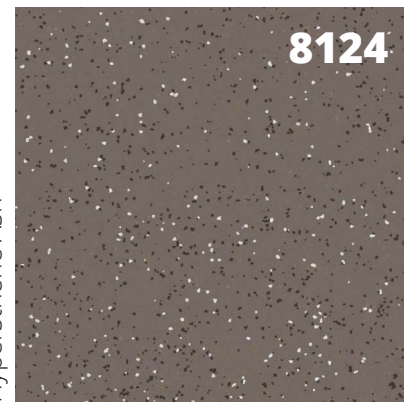
Available Sizes:
24" x 24"
12" x 12" (special order)

KÄHRS UPOFLOOR QUARTZ TEMA

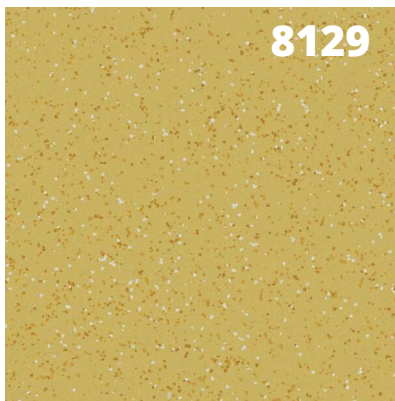
16 COLORS



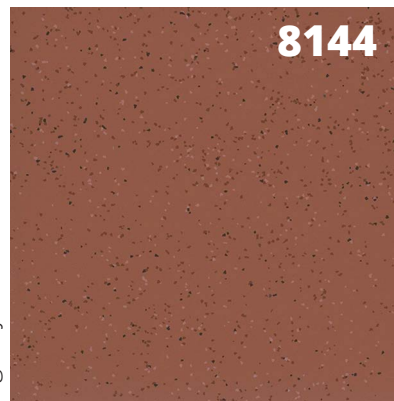
Modest Cancrinite



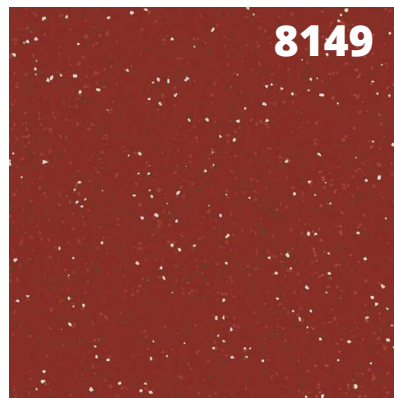
Hypersthene Ash



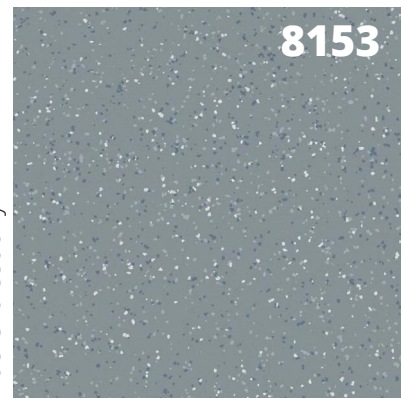
Amber Yellow



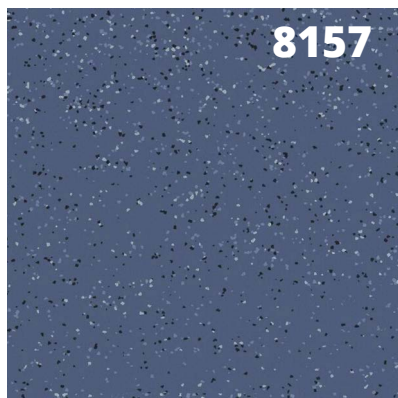
Tigereye Red



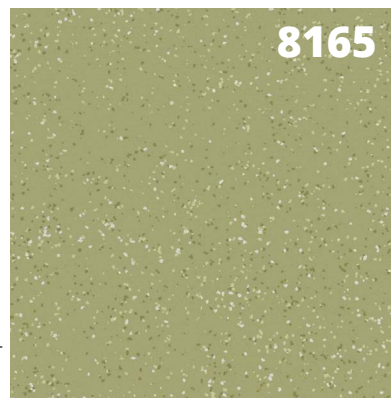
Crocoite Red



Blue Chalcedony



Quartz Blue



Prosperous Peridot

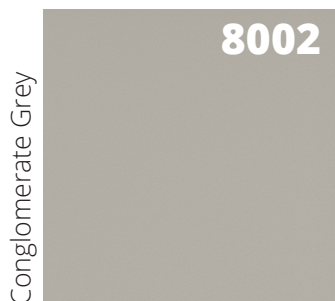
Available Sizes:

24" x 24"

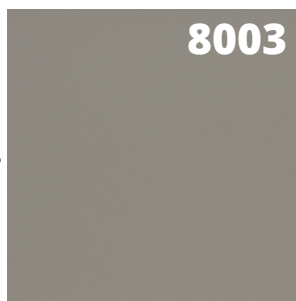
12" x 12" (special order)

KÄHRS UPOFLOOR QUARTZ UNI

17 COLORS



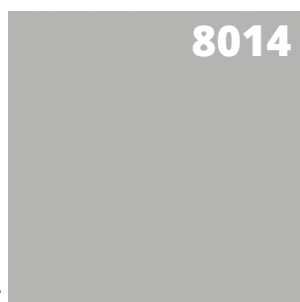
Conglomerate Grey



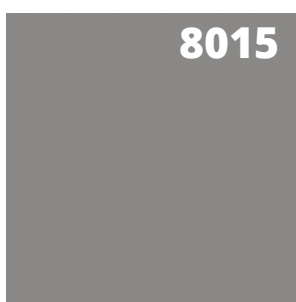
Gabbro Grey



Scoria Grey



Quartz Thunder



Lava Grey



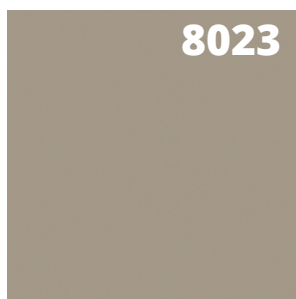
Zebra Jasper



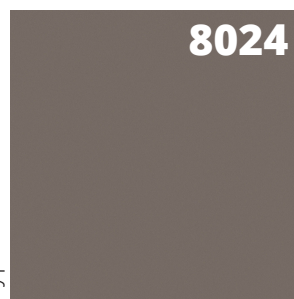
Spinel Black



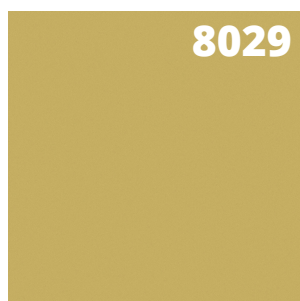
Nude Limestone



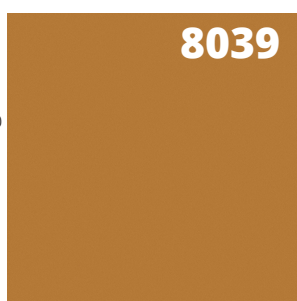
Modest Cancrinite



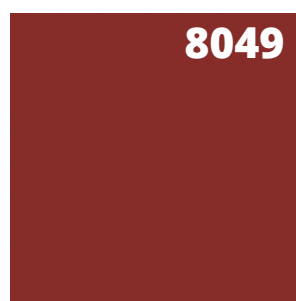
Hypersthene Ash



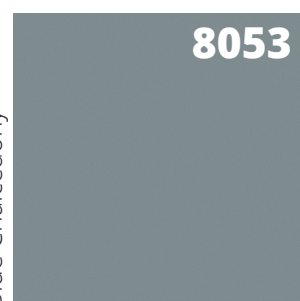
Amber Yellow



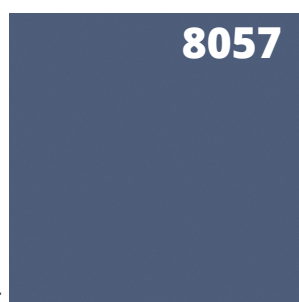
Sunstone Orange



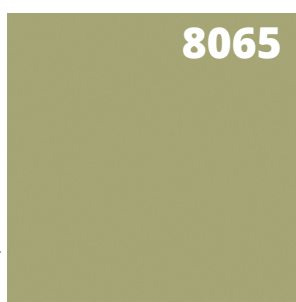
Crocoite Red



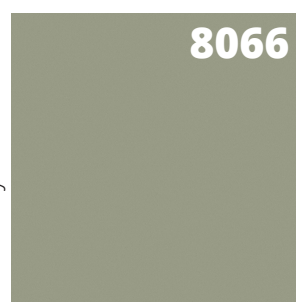
Blue Chalcedony



Quartz Blue



Prosperous Peridot



Gentle Rhyolite

**Available
Sizes:**
12" x 24"
12" x 12"

KÄHRS UPOFLOOR QUARTZ LINES

16 COLORS

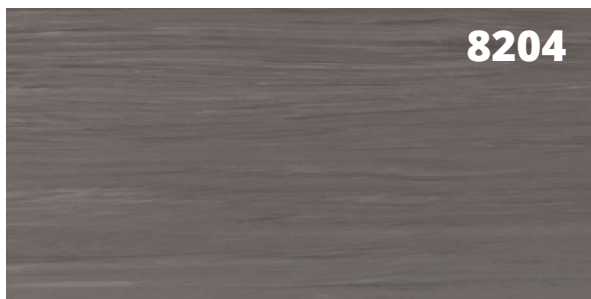
Conglomerate Grey



Gabbro Grey



Scoria Grey



Quartz Thunder



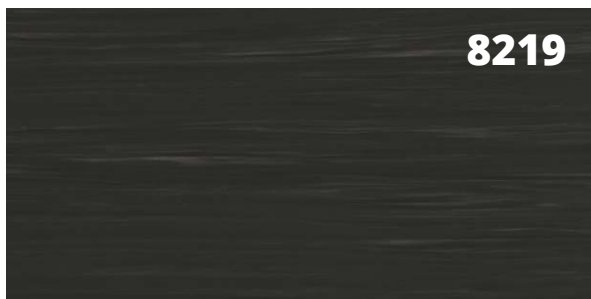
Lava Grey



Zebra Jasper



Spinel Black



Nude Limestone



Available Sizes:
12" x 24"

KÄHRS UPOFLOOR QUARTZ

LINES

16 COLORS

Modest Cancrinite



Hypersthene Ash



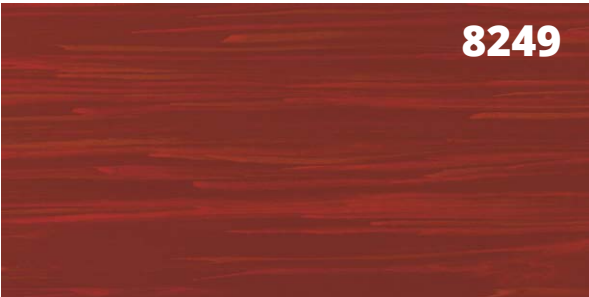
Amber Yellow



Tigereye Red



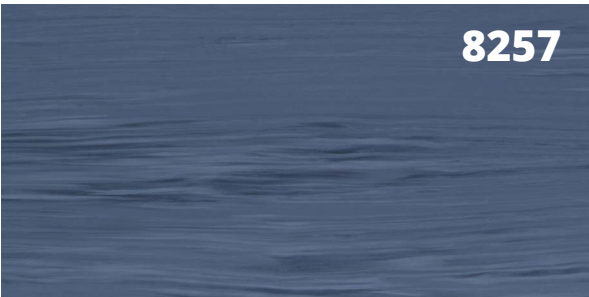
Crocoite Red



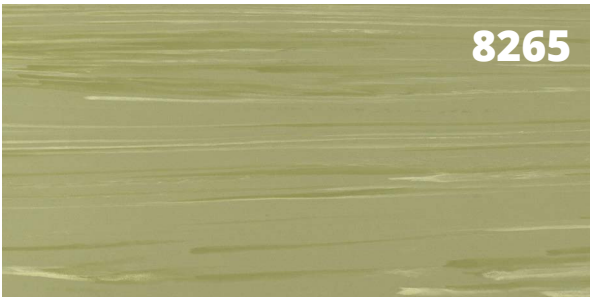
Blue Chalcedony



Quartz Blue



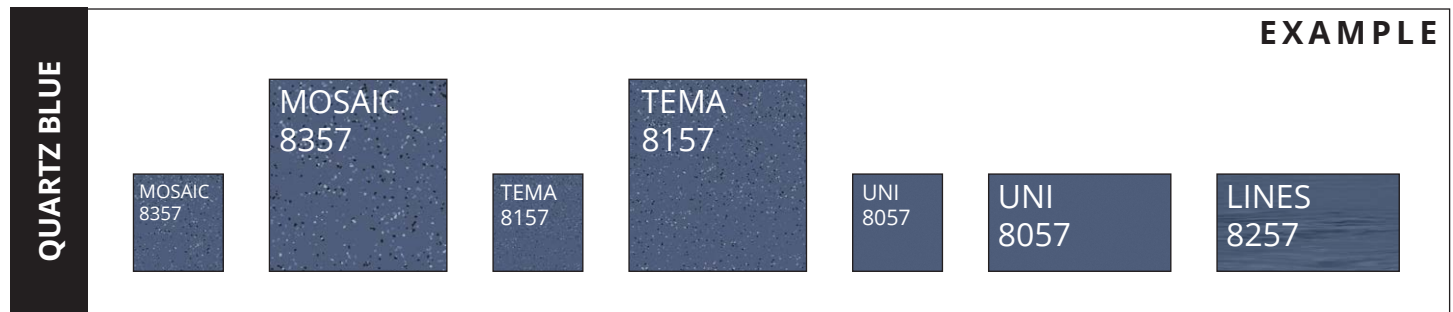
Prosperous Peridot



Available Sizes:
12" x 24"

KÄHRS UPOFLOOR QUARTZ

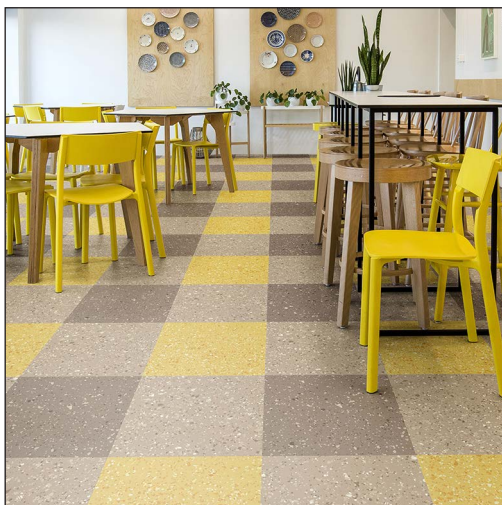
COORDINATING COLORS



Color	Quartz Mosaic	Quartz Tema	Quartz Uni	Quartz Lines
Howlite White	8301	8101	-	-
Conglomerate Grey	8302	8102	8002	8202
Gabbro Grey	8303	8103	8003	8203
Scoria Grey	8304	8104	8004	8204
Quartz Thunder	8314	-	8014	8214
Lava Grey	8315	8115	8015	8215
Dolorite Grey	8316	8116	-	-
Zebra Jasper	8317	-	8017	8217
Spinel Black	8319	8119	8019	8219
Nude Limestone	8322	8122	8022	8222
Modest Cancrinite	8323	8123	8023	8223
Hypersthene Ash	8324	8124	8024	8224
Amber Yellow	8329	8129	8029	8229
Sunstone Orange	8339	-	8039	-
Tigereye Red	8344	8144	-	8244
Deep Purpurite	8348	-	-	-
Crocoite Red	8349	8149	8049	8249
Blue Chalcedony	8353	8153	8053	8253
Confident Sapphire	8354	-	-	-
Blue Calcite	8355	-	-	-
Lace Agate	8356	-	-	-
Quartz Blue	8357	8157	8057	8257
Enhanced Dumortierite	8359	-	-	-
Mariposite Green	8362	-	-	-
Pale Hiddenite	8364	-	-	-
Prosperous Peridot	8365	8165	8065	8265
Gentle Rhyolite	8366	-	-	-
Chlorite Quartz	8367	-	-	-
Alexandrite Green	8368	-	8066	-
Moss Agate	8369	-	-	-

KÄHRS UPOFLOOR QUARTZ

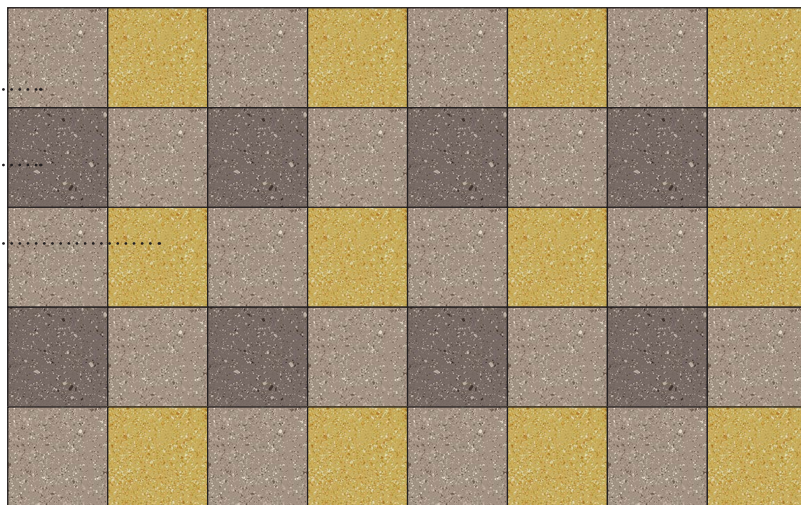
PATTERN INSPIRATION



8323

8324

8329



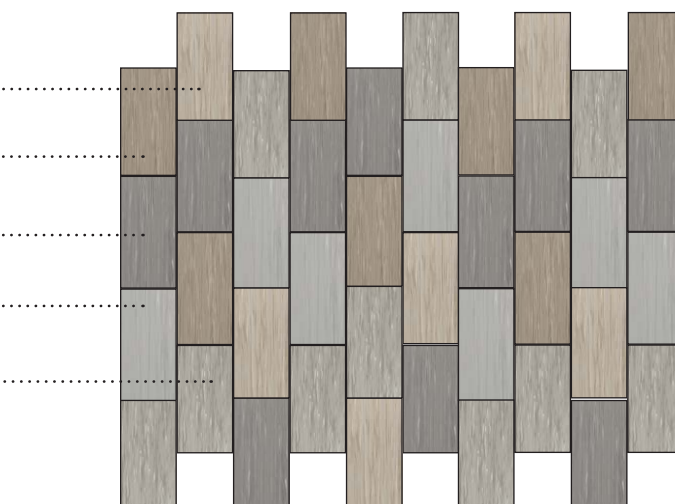
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8223

8215

8214

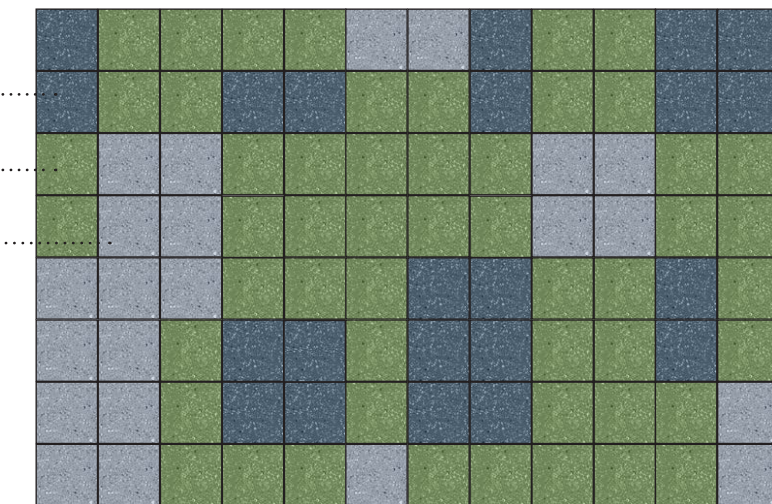
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8355

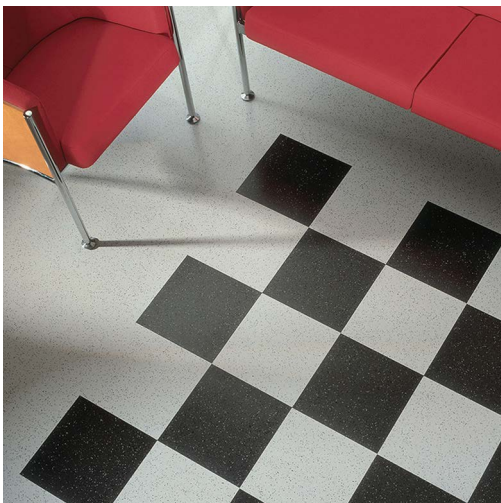
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8356



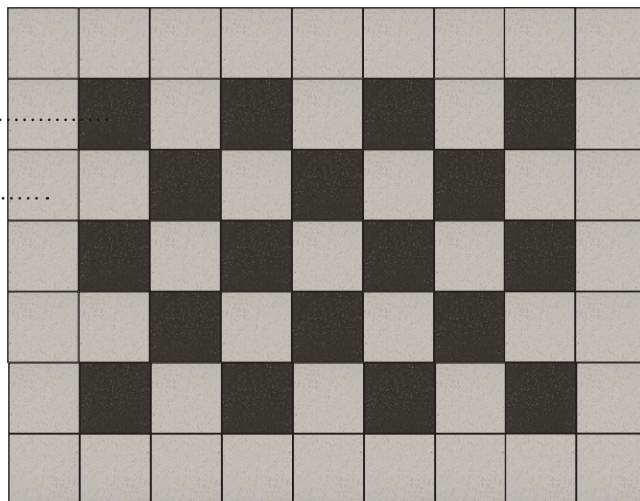
KÄHRS UPOFLOOR QUARTZ

PATTERN INSPIRATION



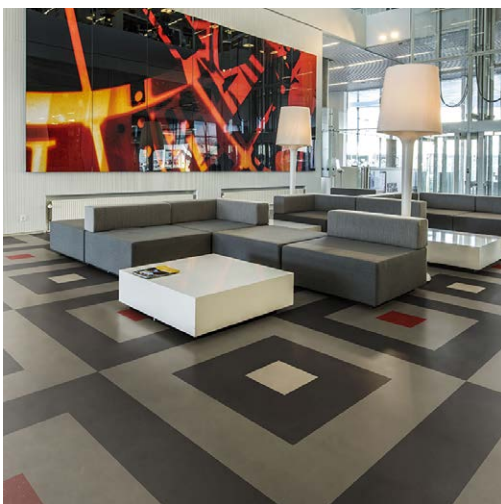
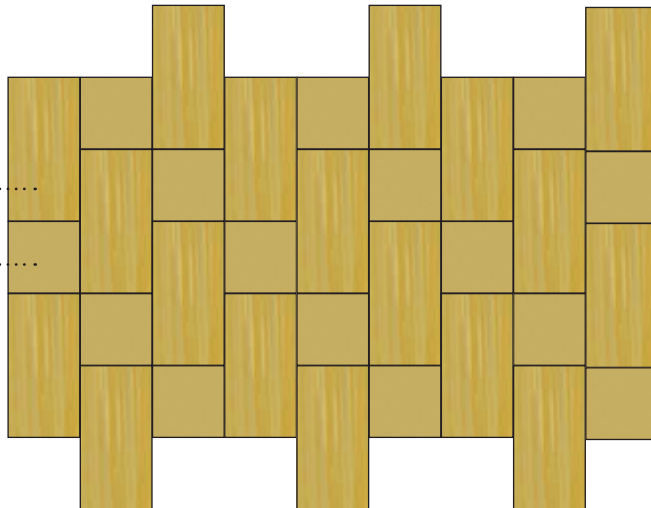
8119

8101



8229

8029

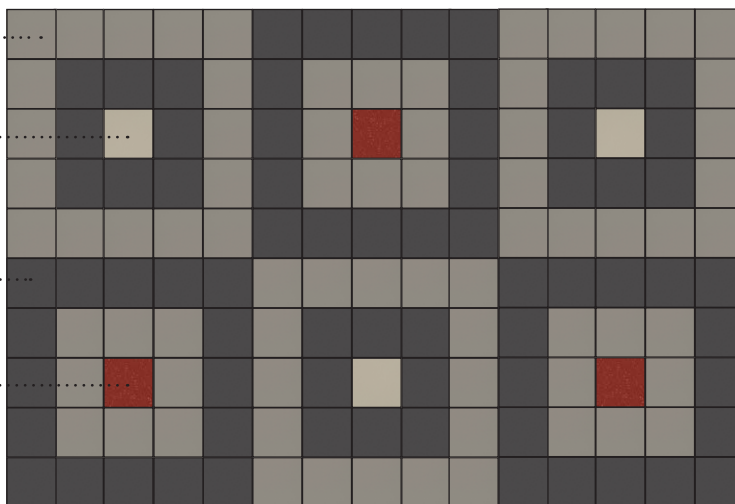


8003

8022

8017

8149



KÄHRS UPOFLOOR QUARTZ REFERENCES



BISHOP IRETON HIGH SCHOOL Greenville, SC

Flooring: Quartz Mosaic
8302 Conglomerate Grey
8359 Enhanced Dumortierite

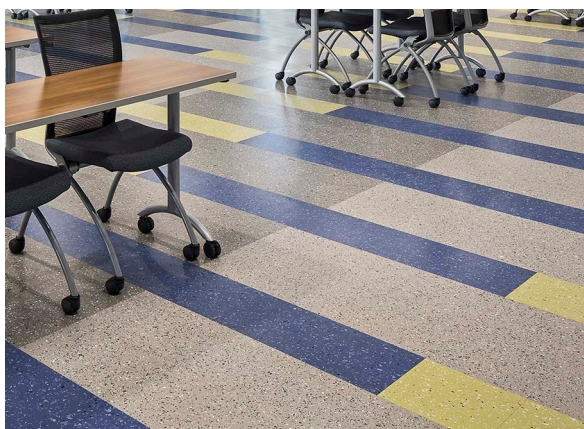
Architect: Maginniss + del Nino
Installation Area: 21,600 SF
Distributor: Spartan Surfaces



GENEVA HIGH SCHOOL Geneva, IL

Flooring: Quartz Mosaic
8359 Quartz Blue
8344 Tigereye Red
8322 Nude Limestone

Architect: Wright & Company
Floor Installer: Vortex
Installation Area: 25,500 SF



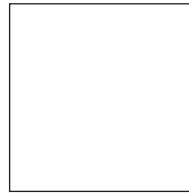
GREENVILLE PUBLIC WORKS Greenville, SC

Flooring: Quartz Mosaic
8359 Enhanced Dumortierite
8304 Scoria Grey
8303 Gabbro Grey

Architect: DP3 Architects
Installation Area: 18,600 SF
Distributor: Spartan Surfaces



KÄHRS UPOFLOOR QUARTZ DATASHEET



Mosaic, Tema
24" x 24"
(609.6 x 609.6 mm)



Uni, Lines
12" x 24"
(304.8 x 609.6 mm)



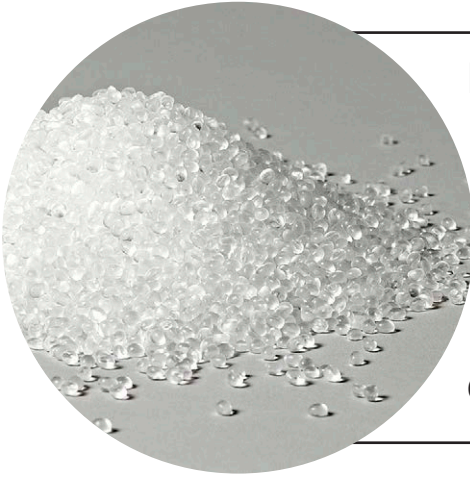
Mosaic, Uni, Tema
12" x 12"
(304.8 x 304.8 mm)

Standard Specification	ASTM F1066
Thickness	0.08" (2.0 mm)
Weight	0.82 lbs/ft ² (4000 g/m ²)
Size / Area per box	Mosaic, Uni, Tema 12" x 12" (304.8 x 304.8 mm) / 58 pcs / 58 ft ² (5.39 m ²) Mosaic, Tema 24" x 24" (609.6 x 609.6 mm) / 12 pcs / 48 ft ² (4.46 m ²) Uni, Lines 12" x 24" (304.8 x 609.6 mm) / 24 pcs / 48 ft ² (4.46 m ²)
ASM D2047 Static Coefficient of Frictions	≥ 0.5 SCOF
ANSI B101.3-2012 Wet Dynamic Coefficient Of Friction Common Hard Surface Flooring Materials	Acceptable
Static Load Limit ASTM F970	3500 PSI
Critical Radiant Flux ASTM E648	> 0.45 watts/sq.cm Meets or exceeds Class 1 rating in NFPA Life Safety Code 101 and IBC 804.2 classification
Smoke Generation ASTM E662	< 450 Flaming and Non-Flaming
Effect of Castor Chair EN 425	Suitable No delamination
Chemical Resistance ASTM F925	Good resistance to most acids, alkalis and solvents
Resistance to bacteria and fungi	Good
VOC Emissions CA 01350	Low Emitting Material Floorscore Certificate #: SCS-FS-02258
Warranty	20 Years Residential 10 Year Commercial



KÄHRS UPOFLOOR PVC-FREE

WHAT IS ENOMER®?



Enomer® is a unique and innovative flooring material developed by Kährs Upofloor. Made from natural minerals and pure polymers, the material provides excellent performance characteristics, without compromising care for the environment or human beings.

A CLEAN & SAFE CHOICE

Enomer® is free from PVC, plasticizers, phthalates, halogens, chlorines, and heavy metals. Thanks to this clean composition, Enomer® promotes clean and healthy indoor air, important for wellness.

Due to the mineral-based Enomer® material, these floors do not support combustion in fire situations and do not generate dangerous combustion gases, such as hydrogen chloride or hydrogen cyanide. Thanks to their slight embossing, they provide good slip-resistance. Perhaps best of all, this material does not act as a substrate for bacterial growth.

UNBEATABLE PERFORMANCE

- No PVC or plasticizers
- No chlorine, phthalates, halogens or heavy metals
- Extremely durable with low life cycle costs
- Safe to walk on with good slip-resistance
- Does not act as a substrate for bacterial growth
- Good resistance to scratching and dirt
- Low maintenance costs: does not require polishing or dry buffing
- Easy to install
- Environmentally friendly
- Superior resistance to staining
- Dense surface and oil-free structure that dirt cannot penetrate
- Does not react with rubber
- Excellent chemical resistance
- Antistatic

EXAMPLE APPLICATIONS

DAYCARE CENTERS · NURSING HOMES
· SCHOOLS · HOSPITALS · HEALTHCARE
CENTERS · OFFICES · SHOPPING CENTERS ·
PUBLIC SPACES · DOCTOR OFFICES



KÄHRS UPOFLOOR ZERO



PVC-FREE RESILIENT FLOORING FOR A SAFE AND HEALTHY ENVIRONMENT.

Zero PVC. Zero Plasticizers. Zero Worries.

- Made with innovative Enomer® material
- Zero PVC, chlorine, plasticizers, phthalates, halogens or heavy metals
- Anti-static with excellent stain, bacteria & chemical resistance
- Excellent durability & outstanding environmental qualities
- Contributes to LEED credits

The Next Generation of Zero

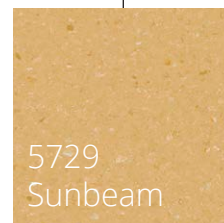
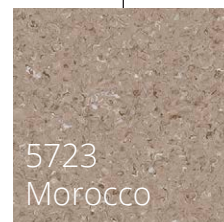
- Made with 100% renewable energy
- 100% of the production waste is recycled
- Carbon footprint is reduced by 32%
- All products contain up to 50% recycled Enomer® content

NEW Zero & Green Collection

- 40% of the virgin polymer content is bio-based
- 60% of the total product is calcium carbonate, a natural mineral sourced within 124 miles of production.

Easy & Cost Effective Maintenance

- Easy to install, clean & maintain
- No waxing or dry buffing required
- 15 Year Commercial Non-Prorated Warranty



Declare.



ZERO

A FAMILY OF SUSTAINABLE **PVC-FREE** FLOORING OPTIONS

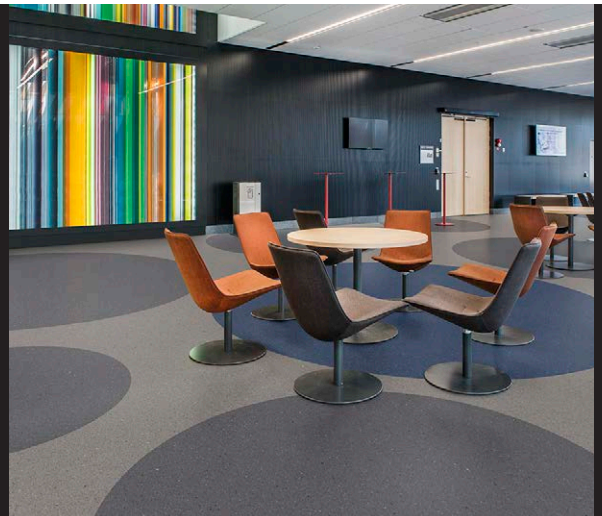
ZERO SHEET

Zero Sheet is a homogenous contract sheet flooring that features a soft contrast chip design to create a uniform appearance, with a flexible and supple structure that can be easily fitted into floor drains and folded up onto walls. Zero Sheet is environmentally friendly, promotes clean air, and includes recycled Enomer® material. Zero Sheet offers 38 colors, with colors that coordinate with Zero & GREEN and Zero Tile.



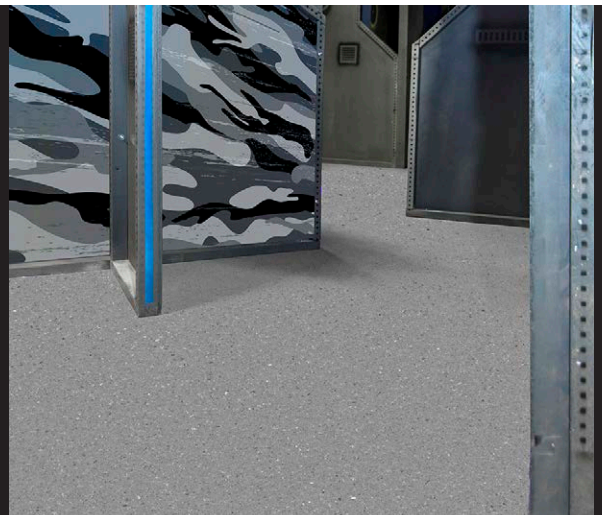
ZERO & GREEN

We are proud to introduce Kährs Upofloor Zero & GREEN – a new generation of bio-based resilient flooring that strengthens the Zero family. 40% of the virgin polymer content is bio-based, and 60% of the total product is calcium carbonate, a natural mineral sourced within 124 miles of production. Zero & GREEN features the same flexible structure, environmental qualities, and excellent performance properties as Zero Sheet. It is installed in the same way and is easily fitted into floor drains and folded up onto walls. Zero & GREEN is offered in 10 colors matching Zero Sheet.



ZERO TILES

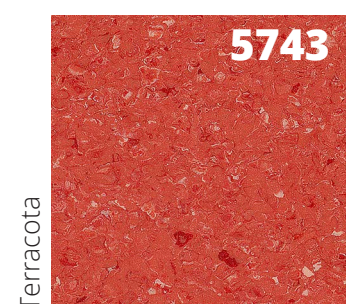
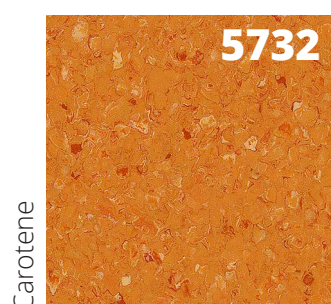
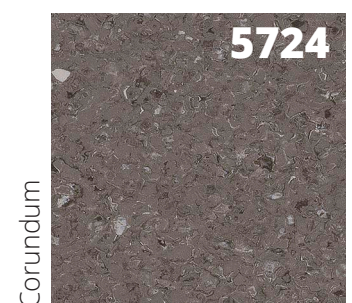
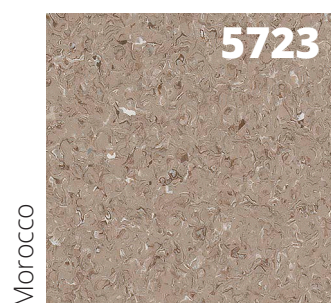
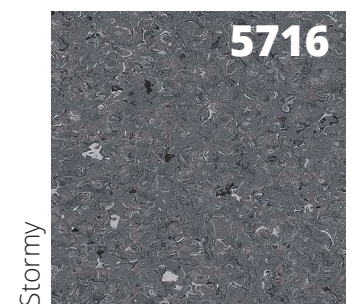
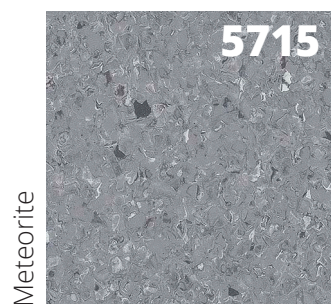
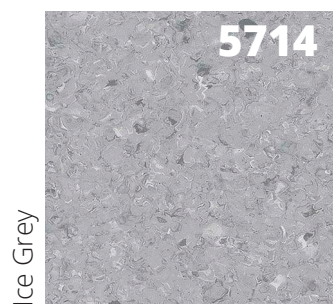
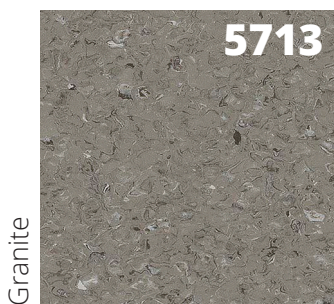
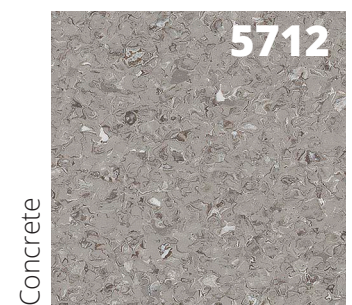
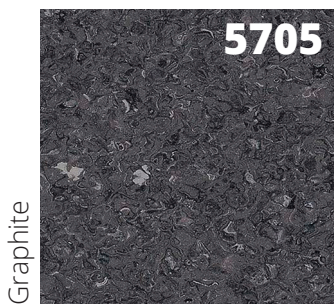
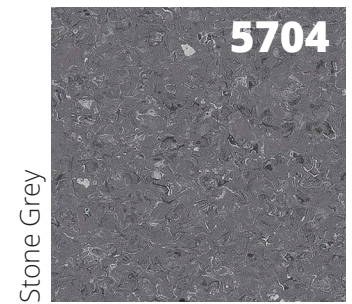
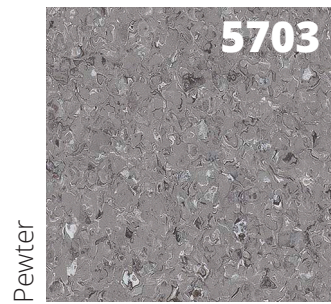
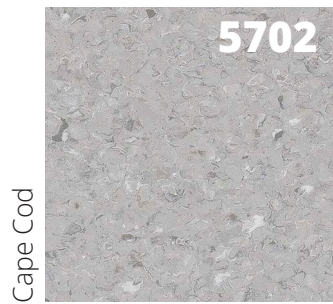
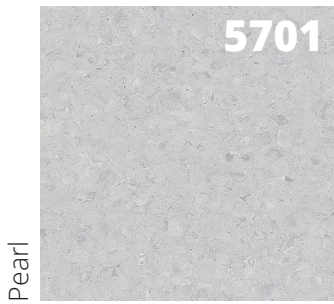
Zero Tile is made with Enomer and features the same great performance as Zero Sheet: extremely durable, easy to install, easy to clean, low maintenance costs, and environmentally friendly, with low life cycle costs and an easy-to-clean surface. Zero Tiles do not require welded seams and single tile replacement is easy and affordable. With 7 colors that coordinate with the other Zero collections, explore creative possibilities and pattern design with Zero Tile.



KÄHRS UPOFLOOR ZERO SHEET

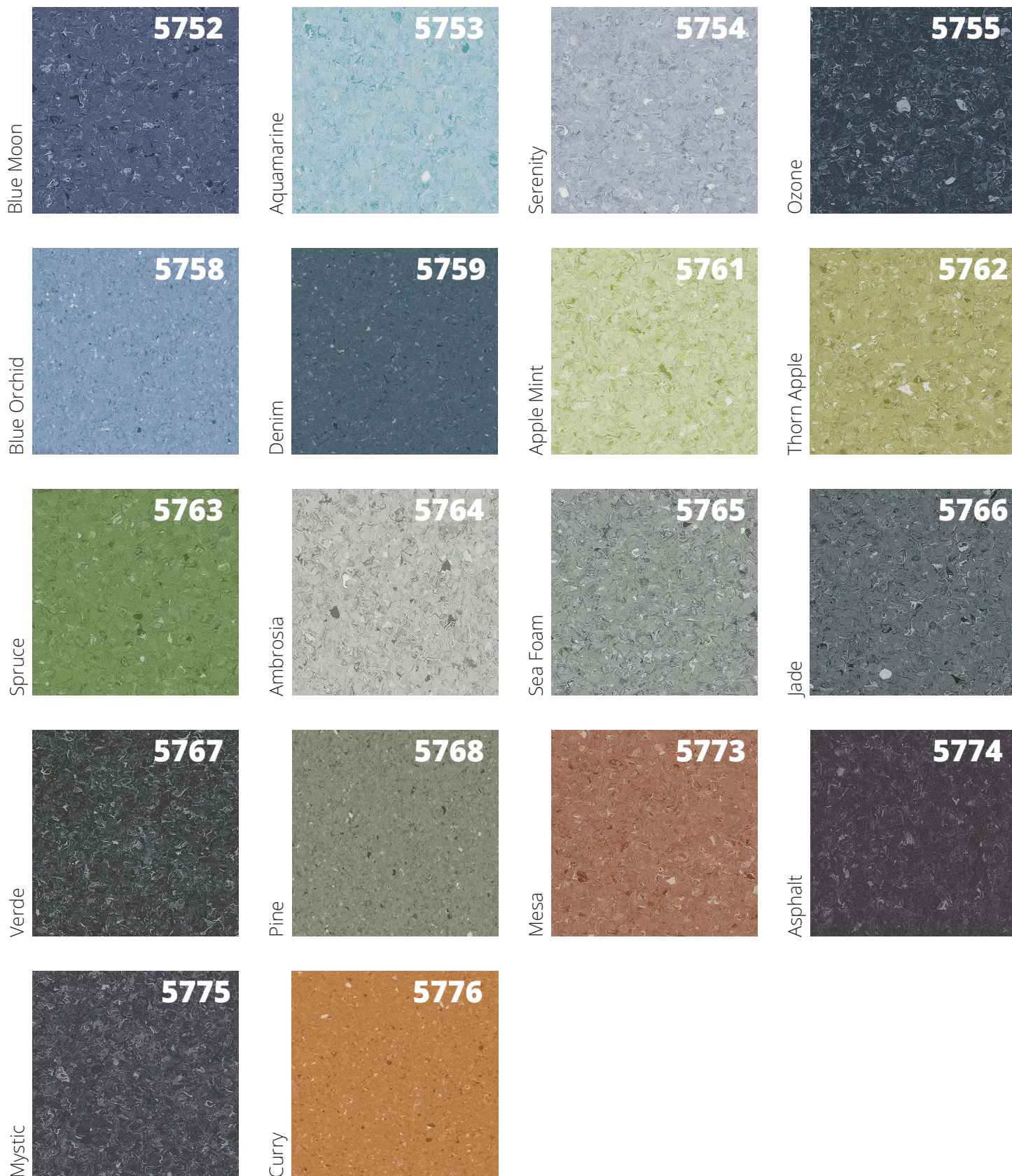
38 COLORS

Size: 82.02' Roll Length x 4'9" Width



KÄHRS UPOFLOOR ZERO SHEET

38 COLORS
Size: 82.02' Roll Length x 4'9" Width



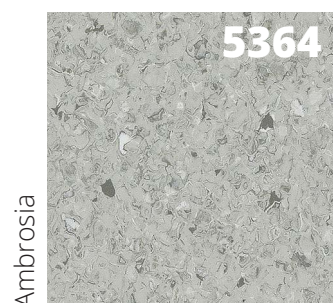
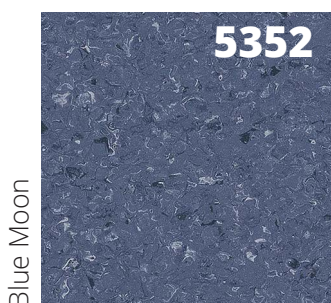
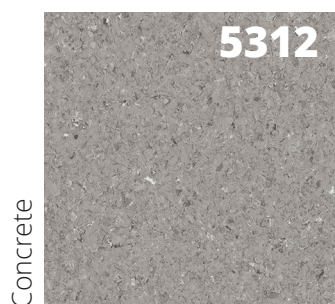
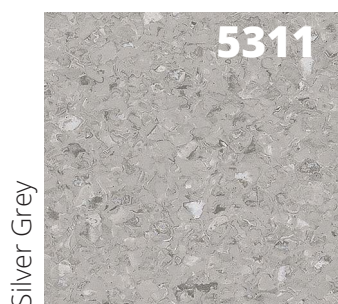
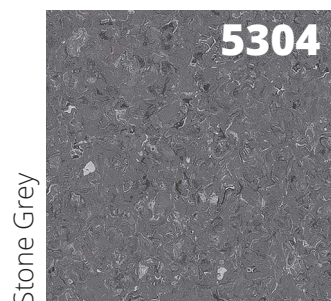
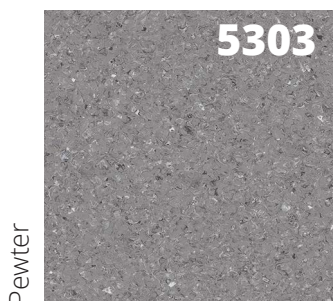
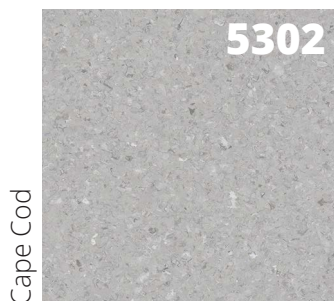
NEW COLLECTION

KÄHRS UPOFLOOR

ZERO & GREEN

10 COLORS

Size: 82.02' Roll Length x 4'9" Width



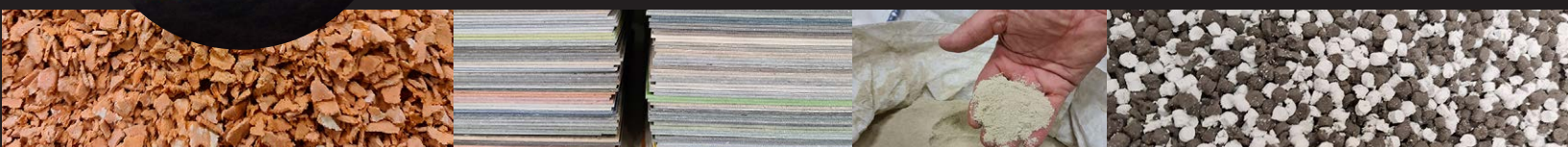
DID YOU KNOW...

KÄHRS UPOFLOOR ZERO PRODUCTS

ARE PRODUCED WITH 100% RENEWABLE ENERGY?

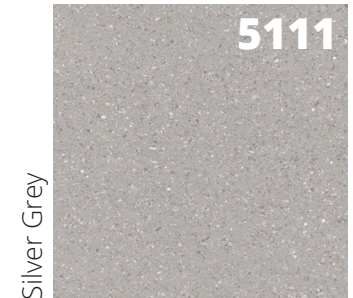
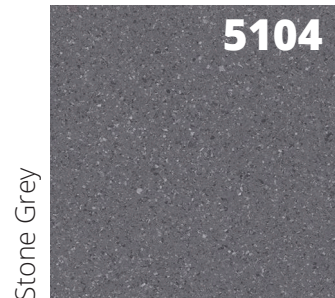
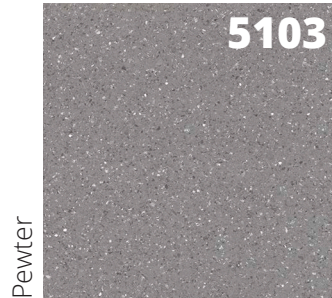
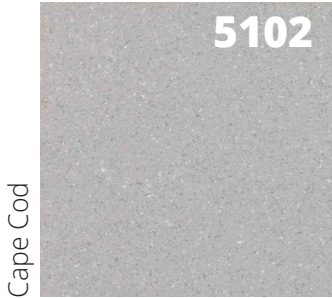


The production of Zero products is now powered by a combination of windpower and bio-gas: 100% renewable energy. In addition, 100% of the production waste is recycled and all products contain up to 50% recycled Enomer® content. We're proud to say we've reduced the carbon footprint of Zero products by 32%. Plus, in the Zero & GREEN Collection, 40% of the virgin polymer content is bio-based, and 60% of the total product is calcium carbonate, a natural mineral sourced within 124 miles of production - making this collection the GREENEST Zero products ever.



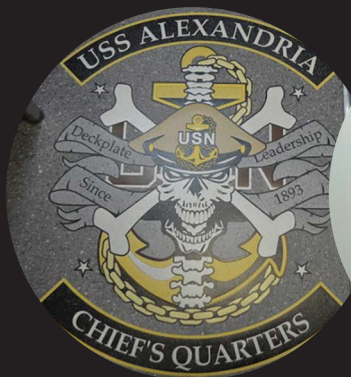
KÄHRS UPOFLOOR ZERO TILE

7 COLORS
Tile Size: 20" x 20"



DID YOU KNOW...

*KÄHRS UPOFLOOR ZERO & XPRESSON PRODUCTS
ARE USED IN U.S. NAVY SUBMARINES?*



Thanks to the fact that Zero floors contribute to good air quality and do not emit harmful gases in case of fire, this product is perfect for confined spaces with high safety and performance requirements, such as a submarine or ship.

KÄHRS UPOFLOOR ZERO

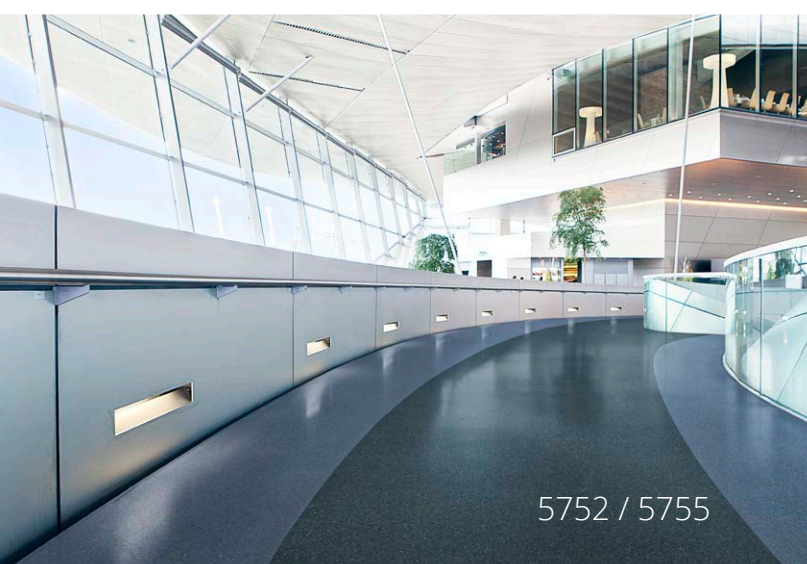
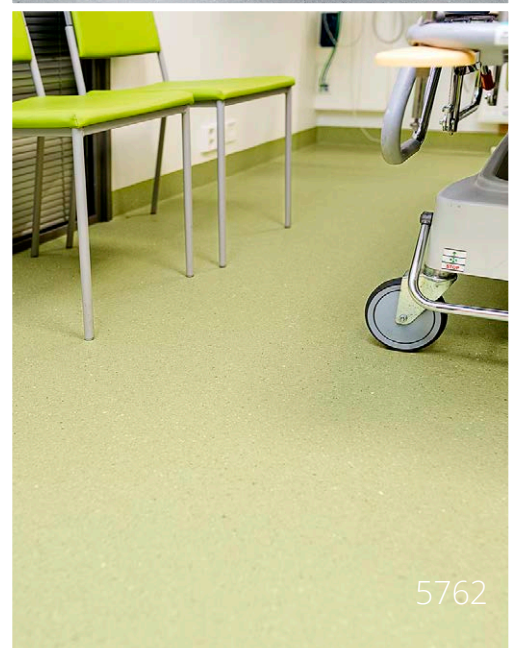
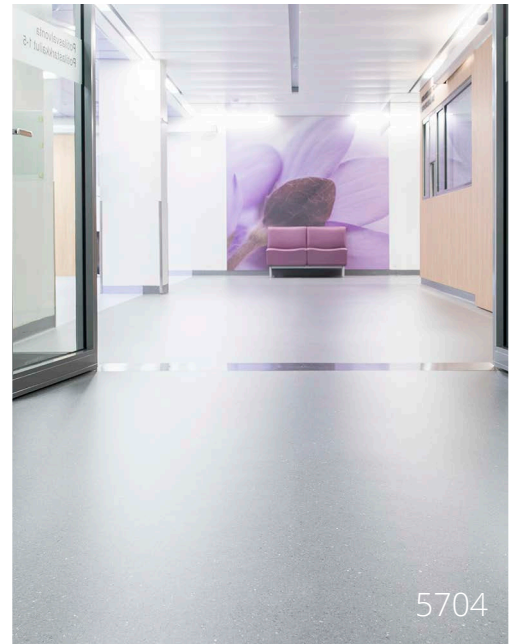
DESIGN INSPIRATION



KÄHRS UPOFLOOR ZERO REFERENCES

INTERESTED IN ZERO? YOU'RE IN GOOD COMPANY.

Anderson Community Hospital | Anderson, IN
Margaret Mary Hospital Cystology | Batesville, IN
Crown Hill Cemetery Embalming Room | Indianapolis, IN
Carteret Hospital Surgical Rooms | Morhead City, NC
Riley's Children's Hospital Surgical Suite | Indianapolis, IN
Children's Hospital of the King's Daughters | Norfolk, VA
Oregon Health Sciences | Portland, OR
UW Medical Center NW | Seattle, WA
Witham Hospital CT & Imaging Dept | Lebanon, IN
Cleveland Clinic | Cleveland, OH
Mercy Medical Center | Dubuque, IA
Two Rivers Charter School | Washington DC
Medical University of South Carolina | Charleston, SC
Advocate Medical Center | Chicago, IL
Cincinnati Children's Hospital (CCHMC) | Cincinnati, OH



KÄHRS UPOFLOOR ZERO SHEET

DATASHEET

PRODUCT

Zero Sheet	EN 14565	PVC- and plasticizer-free Enomer® flooring
Application	EN ISO 10874	23/34/43



SPECIFICATION

Thickness	EN ISO 24346	~0.08" (2.0 mm)
Weight	EN ISO 23997	~0.64 lbs / sq ft (3100 g/m²)
Roll length	EN ISO 24341	82.02' (10 - 25 m)
Width	EN ISO 24341	4'9" (145 cm)

PRODUCT PROPERTIES

PROPERTY	TEST METHOD	RESULT
Indoor air certifications		M1, Floorscore, Austrian Ecolabel
Electrostatic Propensity	AATCC 134	< 2.0 kV
Electrical Resistance	ASTM F 150	> 50 GΩ
Slip Resistance DCOF (Wet)	ANSI B 101.3	Acceptable
Static Coefficient of Friction	ASTM C 1028	Pass
Abrasion Resistance w weight loss	ASTM D 4060	0.05 g/1000 cycles
Castor Chair Test 25.000 cycles	EN 425	Pass
Critical Radiant Flux	ASTM E 648	≥ 0.45 W/cm² Class 1
Smoke Density	ASTM E 662	≤ 450 Flaming & Non-flaming
Flexibility	ASTM F 137	Pass (8 mm mandrel)
Resistance to Heat	ASTM F 1514	Pass
Resistance to Light	ASTM F 1515	Pass
Short Term Indentation	ASTM F 1914	0.003" at 75 lbs
Chemical Resistance	ASTM F 925	Excellence
Static Load Limit	ASTM F 970	0.001"
Static Load Limit	ASTM F 970 Mod	2000 psi
Improvement in Impact Insulation Class (ΔIIC)	ASTM E 2179-09	9
Resistance to bacteria and fungi	ISO 846	Good



KÄHRS UPOFLOOR ZERO & GREEN DATASHEET

PRODUCT

Zero Sheet	EN 14565	PVC- and plasticizer-free Enomer® flooring
Application	EN ISO 10874	23/34/43



SPECIFICATION

Thickness	EN ISO 24346	~0.08" (2.0 mm)
Weight	EN ISO 23997	~0.64 lbs / sq ft (3100 g/m²)
Roll length	EN ISO 24341	82.02' (10 - 25 m)
Width	EN ISO 24341	4'9" (145 cm)

PRODUCT PROPERTIES

PROPERTY	TEST METHOD	RESULT
Electrostatic Propensity	AATCC 134	< 2.0 kV
Electrical Resistance	ASTM F 150	> 50 GΩ
Slip Resistance DCOF (Wet)	ANSI B 101.3	Acceptable
Static Coefficient of Friction	ASTM C 1028	Pass
Abrasion Resistance w weight loss	ASTM D 4060	0.05 g/1000 cycles
Castor Chair Test 25.000 cycles	EN 425	Pass
Critical Radiant Flux	ASTM E 648	≥ 0.45 W/cm² Class 1
Smoke Density	ASTM E 662	≤ 450 Flaming & Non-flaming
Flexibility	ASTM F 137	Pass (8 mm mandrel)
Resistance to Heat	ASTM F 1514	Pass
Resistance to Light	ASTM F 1515	Pass
Short Term Indentation	ASTM F 1914	0.003" at 75 lbs
Chemical Resistance	ASTM F 925	Excellence
Static Load Limit	ASTM F 970	0.001"
Static Load Limit	ASTM F 970 Mod	2000 psi
Resistance to bacteria and fungi	ISO 846	Good

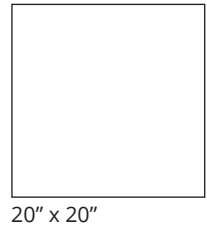


Declare



KÄHRS UPOFLOOR ZERO TILE

DATASHEET



20" x 20"

PRODUCT

Zero Tile	EN 14565	PVC- and plasticizer-free Enomer® flooring tile
Application	EN ISO 10874	23/34/43



SPECIFICATION

Thickness	EN ISO 24346	~0.08" (2.0 mm)
Weight	EN ISO 23997	~0.70 lbs / sq ft (3400 g/m²)
Tile size	EN ISO 24342	~20" x 20" (500 x 500 mm)
Packaging unit		~53.8 sq ft (5 m², 20 tiles)

PRODUCT PROPERTIES

PROPERTY	TEST METHOD	RESULT
Indoor air certifications		M1, Floorscore, Austrian Ecolabel
Electrostatic Propensity	AATCC 134	< 2.0 kV
Electrical Resistance	ASTM F 150	> 50 GΩ
Slip Resistance DCOF (Wet)	ANSI B 101.3	Acceptable
Slip Resistance SCOF (Dry & Wet)	ASTM D 2047	≥ 0.7 Dry / Wet
Abrasion Resistance w weight loss	ASTM D 4060	< 0.05 g
Castor Chair Test 25.000 cycles	EN 425	Pass
Critical Radiant Flux	ASTM E 648	≥ 0.45 W/cm² Class 1
Smoke Density	ASTM E 662	≤ 450 Flaming & Non-flaming
Flexibility	ASTM F 137	Pass (8 mm mandrel)
Resistance to Heat	ASTM F 1514	Pass
Resistance to Light	ASTM F 1515	Pass
Short Term Indentation	ASTM F 1914	0.006" (7.06%)
Chemical Resistance	ASTM F 925	Excellence
Static Load Limit	ASTM F 970	0.001"
Static Load Limit	ASTM F 970 Mod	2000 psi
Resistance to bacteria and fungi	EN 846	Good



KÄHRS UPOFLOOR ZERO

STAIN & CHEMICAL RESISTANCE

Chemical	Test Method	Elapsed Time 1 Hr	Elapsed Time 2 Hrs	Elapsed Time 24 Hrs	Cleaning Solution Used
White Vinegar	ASTM F 925	No Effect	NA	NA	Water
Rubbing Alcohol	ASTM F 925	No Effect	NA	NA	Water
Whinte Mineral Oil	ASTM F 925	No Effect	NA	NA	Water
Sodium Hydroxide Solution	ASTM F 925	No Effect	NA	NA	Water
Sulfuric Acid Solution	ASTM F 925	No Effect	NA	NA	Water
Household Ammonia Solution	ASTM F 925	No Effect	NA	NA	Water
Household Bleach Solution	ASTM F 925	No Effect	NA	NA	Water
Aniline Blue	ASTM F 925	No Effect	NA	No Effect	Water
Betadine Skin Cleanser	ASTM F 925	No Effect	NA	No Effect	Water
Betadine Solution 10%	ASTM F 925	No Effect	NA	No Effect	Water
Iodine Tincture	ASTM F 925	No Effect	NA	No Effect	Water
Iodine Gram Stain	ASTM F 925	No Effect	NA	No Effect	Water
Potassium Permanganate 1.5%	ASTM F 925	No Effect	NA	No Effect	Water
Tincture of Benzoin	ASTM F 925	No Effect	NA	No Effect	Water
Urea Solution	ASTM F 925	No Effect	NA	No Effect	Water
Wright's Blood Stain	ASTM F 925	No Effect	NA	No Effect	Water
Amonium Hydroxide 10%	ASTM F 925	No Effect	NA	No Effect	Water
Ammonium Hydroxide 30%	ASTM F 925	No Effect	NA	No Effect	Water
Quaternary Ammonium	ASTM F 925	No Effect	NA	No Effect	Water

ASTM F925: Standard Test Method for Resistance to Chemicals of Resilient Flooring

Standard: ASTM F925 – Standard Test Method for Resistance to Chemicals of Resilient Flooring

Certification Required: N/A

Scope: Per ASTM F925: "This test method provides a procedure for determining the resistance of resilient floor covering to surface deterioration when exposed to various chemical reagents."

Applicable Products: Resilient flooring

Test Procedure: Specimens are laid face-up on a flat surface. A 1.5 in by 15. In square is drawn onto the face of each specimen to indicate the area when reagents have been applied. The initial measurements are recorded for the properties of interest, such as indentation, thickness, or color. Liquid test reagents are applied filter paper that is laid on the center of the test specimens. Paste reagents are spread in a thin layer on the test area of the specimen. Watch glasses are placed over each reagent for a period of 60 minutes. At the conclusion of the exposure period the watch glasses are removed and the filter paper is removed with tweezers. Residual liquid is blotted with a dry facial tissue. Any reagent left after blotting can be cleaned with water or mild solvent. Specimens are then visually inspected and any changes to the surface finish are recorded. Final measurements of material properties are taken within 15 minutes after removing the reagents from the specimens.

End Result: This test results in any observed visual changes in the specimen as well as the change in observed material properties such as indentation, thickness, or color.

SOURCE: Intertek, <https://www.intertek.com/building/standards/astm-f925/>



KÄHRS UPOFLOOR XPRESSION



PVC-FREE RESILIENT PLANKS FOR A SAFE AND HEALTHY ENVIRONMENT.

Xpress Yourself with PVC-Free Luxury Planks

- Made from Enomer®, based on natural minerals and pure thermoplastic polymers
- Free from PVC, chlorine and plasticizers
- Free from phthalates, halogens and heavy metals
- Beautiful wood look designs from dark to light
- Environmentally friendly
- Sustainably manufactured

High Performance & Easy Maintenance

- Superior chemical resistance
- Bacteria resistant and antistatic
- High performance stain resistance
- Low maintenance - no wax required
- Excellent durability
- 15 Year Commercial Non-Prorated Warranty

Sustainability & Air Quality

- Mindful Materials & Floorscore Certified
- Extremely low VOC's
- Promotes clean and healthy indoor air
- Contributes to LEED credits

5713
Hazel

1501
Warm Grey

1504
Smoked



KÄHRS UPOFLOOR XPRESSION

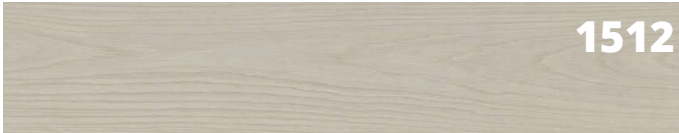
13 COLORS
Plank Size: 7" x 48" x 0.08"



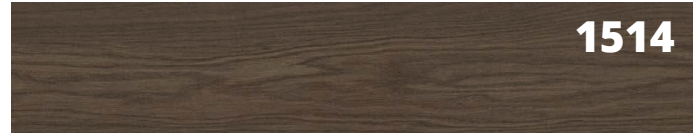
Almond



Smoked



Dune



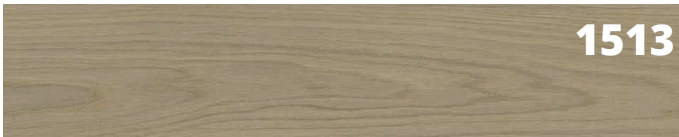
Chestnut



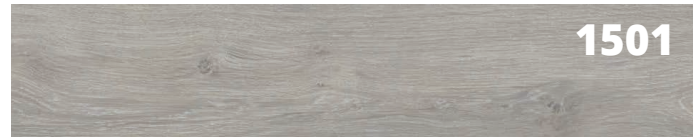
Natural



Charcoal



Hazel



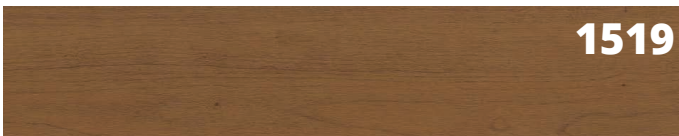
Warm Grey



Golden Oak



Cool Grey



American Cherry



Dark Grey



French Walnut



7" x 48" x 0.08"

KÄHRS UPOFLOOR XPRESSION DATASHEET

PRODUCT

Xpression	EN 14565	PVC- and plasticizer-free Enomer® plank
Application	EN ISO 10874	23/34/43



SPECIFICATION

Thickness	EN ISO 24346	~0.08" (2.0 mm)
Weight	EN ISO 23997	~0.70 lbs / sq ft (3400 g/m²)
Plank size	EN ISO 24342	7" x 48" x 0.08" (177.8 x 1219.2 x 2 mm)

PRODUCT PROPERTIES

PROPERTY	TEST METHOD	RESULT
Indoor air certifications		M1, Floorscore, Austrian Ecolabel
Electrostatic Propensity	AATCC 134	< 2.0 kV
Slip Resistance DCOF (Wet)	ANSI B 101.3	Acceptable
Slip Resistance DCOF (Dry & Wet)	ASTM C 1028	≥ 0.7 Dry / Wet
Abrasion Resistance w weight loss	ASTM D 4060	~ 0.05 g
Castor Chair Test 25.000 cycles	EN 425	Pass
Critical Radiant Flux	ASTM E 648	≥ 0.45 W/cm² Class 1
Smoke Density	ASTM E 662	≤ 450 Flaming & Non-flaming
Flexibility	ASTM F 137	Pass (1" mandrel)
Resistance to Heat	ASTM F 1514	Pass
Resistance to Light	ASTM F 1515	Pass
Short Term Indentation	ASTM F 1914	< 0.005" (6%)
Chemical Resistance	ASTM F 925	Excellence
Static Load Limit	ASTM F 970	Pass
Static Load Limit	ASTM F 970 Mod	2000 psi
Resistance to bacteria and fungi	EN 846	Good

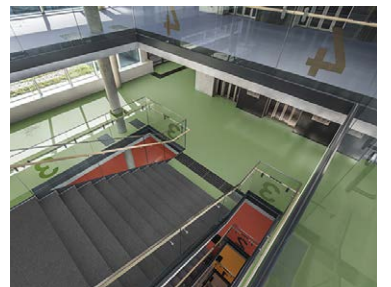
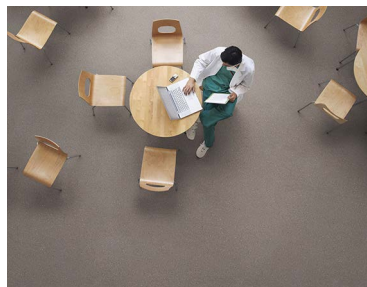


KÄHRS UPOFLOOR

APPLICATION AREA RECOMMENDATIONS



APPLICATION	QUARTZ	XPRESSION	ZERO SHEET	ZERO TILE	ZERO & GREEN
Education	✓	✓	✓	✓	✓
Office Space	✓	✓		✓	
Institutional Public Spaces	✓	✓	✓	✓	✓
Retail	✓	✓	✓	✓	✓
Hospital	✓	✓	✓	✓	✓
Healthcare Offices	✓	✓	✓	✓	✓
Assisted Living	✓	✓	✓	✓	✓
Hospitality	✓	✓			
"Back of House" - Kitchens, Labs, Hospital Basements	✓		✓	✓	✓



KÄHRS UPOFLOOR ADHESIVE CHART

Kährs Upofloor Product Line	Recommended Adhesives	Recommended Trowel Size	Subfloor Prep Requirements
Xpression	Kährs HSA	1/16" x 1/16" x 1/16" V-notch	<p>In line with ASTM F710 practices.</p> <p>Substrate should be clean, dry, smooth, and free of known bond breakers.</p> <p>Substrate porosity required for proper semi-wet adhesive installation and cure.</p>
Zero Tile	Kährs HSA	1/16" x 1/16" x 1/16" V-notch	
Zero Sheet, Zero & GREEN	Transitional	1/16" x 1/32" x 1/32" U-notch	
Quartz	Premium PSA or Transitional	1/16" x 1/16" x 1/16" V-notch or 1/16" x 1/32" x 1/32" U-notch	<p>ASTM F710 based subfloor prep requirements.</p> <p>Tile must be installed within stated adhesive working time.</p>



KÄHRS UPOFLOOR

DOCUMENT DOWNLOADS

	Document Name	URL
QUARTZ	Installation Guide	https://www.kahrs.com/globalassets/kahrs/documents/installation/resilient/us/installation-upofloor-quartz-tile-us.pdf
	NCS Colors and LRV Values	https://www.kahrsflooring.com/globalassets/upofloor/documents/ncs/kahrs-upofloor-quartz-lrv-ncs-values.pdf
	Declaration of Performance (DoP)	https://www.kahrsflooring.com/globalassets/upofloor/documents/dop/dop-upofloor-quartz-tiles.pdf
	FloorScore Certification	https://www.kahrs.com/globalassets/kahrs/documents/technical-documents/certificates/scs-floorscore-kahrs-upofloor-quartz-en.pdf
	M1 Certification	https://www.kahrs.com/globalassets/kahrs/documents/technical-documents/certificates/m1-upofloor-quartz-en.pdf
	ASTM Certifications	https://www.kahrs.com/en-us/how-to/technical-documents-resilient-floors/
	Material Safety Data Sheet (MSDS)	https://www.kahrs.com/globalassets/kahrs/documents/technical-documents/msds/msds-upofloor-quartz-tiles.pdf
	Health Product Declaration (HPD)	https://www.kahrs.com/globalassets/kahrs/documents/technical-documents/hpd/hpd-upofloor-quartz.pdf
	Environmental Product Declaration (EPD)	https://www.kahrs.com/globalassets/kahrs/documents/technical-documents/epd/epd-kahrs-upofloor-quartz-en-iso-10581.pdf
ZERO	Installation Guide: Zero Tile	https://www.kahrs.com/globalassets/kahrs/documents/installation/resilient/us/installation-zero-tile-us.pdf
	Installation Guide: Zero Sheet, Zero & Green	https://www.kahrs.com/globalassets/kahrs/documents/installation/resilient/us/installation-upofloor-zero-sheet-us_tte.pdf
	FloorScore Certification	https://www.kahrs.com/globalassets/kahrs/documents/technical-documents/certificates/kahrsoy_2021_scs-fs-02256_s2.pdf
	M1 Certification	https://www.kahrs.com/globalassets/kahrs/documents/technical-documents/certificates/m1-kahrs-zero-en.pdf
	ASTM Certifications	https://www.kahrs.com/en-us/how-to/technical-documents-resilient-floors/
	Material Safety Data Sheet (MSDS): Zero Sheet	https://www.kahrs.com/globalassets/kahrs/documents/technical-documents/msds/msds-upofloor-zero-sheet.pdf
	Health Product Declaration (HPD): Zero Sheet	https://www.kahrs.com/globalassets/kahrs/documents/technical-documents/hpd/hpd-upofloor-zero-sheet.pdf
	Health Product Declaration (HPD): Zero Tile	https://www.kahrs.com/globalassets/kahrs/documents/technical-documents/hpd/hpd-upofloor-zero-tile.pdf
	Environmental Product Declaration (EPD)	https://www.kahrs.com/globalassets/kahrs/documents/technical-documents/epd/epd_enomer_zero-sheet_zero-tile_xpression_17092019.pdf
	IAC Gold VOC Test Report	https://www.kahrs.com/globalassets/kahrs/documents/technical-documents/certificates/iac-gold-upofloor-zero-en.pdf
	BREEAM Certification - INT GN22	https://www.kahrs.com/globalassets/kahrs/documents/technical-documents/certificates/breeam-int-upofloor-zero-en.pdf
	BREEAM Certification - NOR	https://www.kahrs.com/globalassets/kahrs/documents/technical-documents/certificates/breeam-nor-upofloor-zero-en.pdf
	Zero Sheet Fire Class (TFI Report)	https://www.kahrs.com/globalassets/kahrs/documents/technical-documents/certificates/tfi-fire-class-upofloor-zero-sheet.pdf
	Zero Tile Fire Class (TFI Report)	https://www.kahrs.com/globalassets/kahrs/documents/technical-documents/certificates/tfi-fire-class-upofloor-zero-tile.pdf

(Continued on next page)

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DOCUMENT DOWNLOADS

XPRESSION	Document Name	URL
	Installation Guide	https://www.kahrs.com/globalassets/kahrs/documents/installation/resilient/us/installation-lt-xpression-us.pdf
	FloorScore Certification	https://www.kahrs.com/globalassets/kahrs/documents/technical-documents/certificates/scs-floorscore-kahrs-upofloor-enomer-en.pdf
	M1 Certification	https://www.kahrs.com/globalassets/kahrs/documents/technical-documents/certificates/m1-upofloor-xpression-en.pdf
	ASTM Certifications	https://www.kahrs.com/en-us/how-to/technical-documents-resilient-floors/
	Material Safety Data Sheet (MSDS)	https://www.kahrs.com/globalassets/kahrs/documents/technical-documents/msds/msds-upofloor-xpression.pdf
	Health Product Declaration (HPD)	https://www.kahrs.com/globalassets/kahrs/documents/technical-documents/hpd/hpd-upofloor-xpression.pdf
	Environmental Product Declaration (EPD)	https://www.kahrs.com/globalassets/kahrs/documents/technical-documents/epd/epd_enomer_zero-sheet_zero-tile_xpression_17092019.pdf
	IAC Gold VOC Test Report	https://www.kahrs.com/globalassets/kahrs/documents/technical-documents/certificates/iac-gold-upofloor-xpression-en.pdf
	BREEAM Certification - INT GN22	https://www.kahrs.com/globalassets/kahrs/documents/technical-documents/certificates/breeam-int-upofloor-xpression-en.pdf
	BREEAM Certification - NOR	https://www.kahrs.com/globalassets/kahrs/documents/technical-documents/certificates/breeam-nor-upofloor-xpression-en.pdf
	Cleanroom Suitable Materials Certificate	https://www.kahrs.com/globalassets/kahrs/documents/technical-documents/certificates/kahrs-lt-dry-back-xpression-cleanroom-biological-resistance.pdf
Maintenance Guide for All Products		https://www.kahrs.com/globalassets/kahrs/documents/maintenance/resilient/us/upofloor-maintenance-pvc-free-quartz-tile-us.pdf
Warranty		https://www.kahrs.com/globalassets/kahrs/documents/technical-documents/warranty/upofloor-warranty-us.pdf



FLOORS BEYOND EXPECTATIONS

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