



**Kährs**<sup>®</sup>



UPOFLOOR  
**QUARTZ**

KÄHRS UPOFLOOR

# QUARTZ

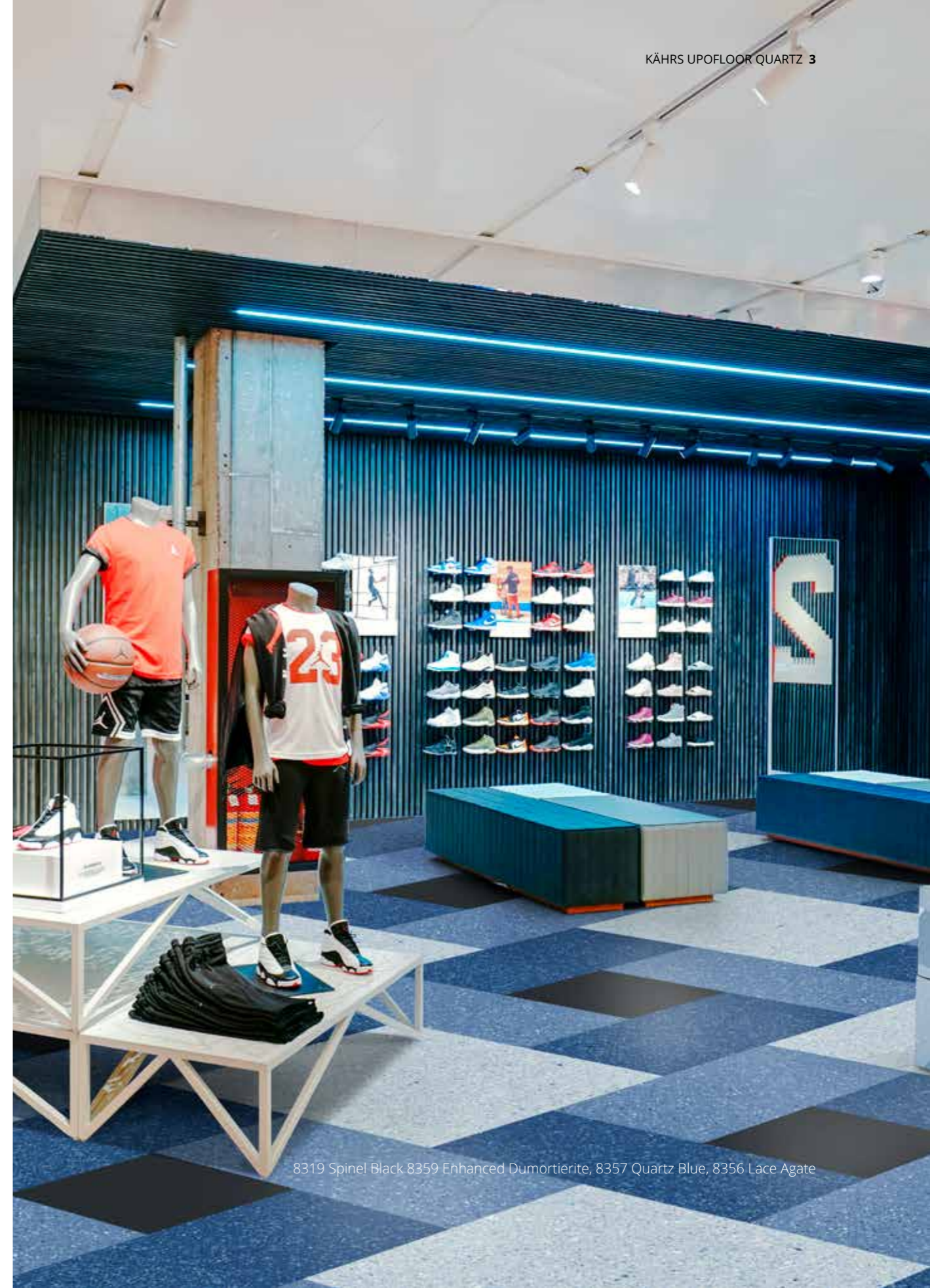
## MODULAR PERFORMANCE FOR CREATIVE DESIGN

Are you looking for a durable flooring material that offers easy installation, provides low maintenance costs, and helps promote creativity in public spaces? Then we at Kährs think our Quartz range, featuring new sizes and colors to mix & match, will provide an excellent solution.

Our Quartz range is suited for areas within education, healthcare, retail/shop fitting, and other public spaces where a durable, sustainable and easy-to-install option is needed. With many options to choose from, this range of resilient flooring helps create a specific atmosphere through design, whether that be an atmosphere of relaxation, creativity, or learning.

Kährs Upofloor Quartz comes in a variety of tile shapes and formats, including chipped, unicolor, and line design. These options, paired with a multitude of colors to choose from, means our Kährs Upofloor Quartz range provides the ultimate freedom of creativity.

**COVER** 8301 Howlite White, 8302 Conglomerate Grey, 8303 Gabbro Grey, 8304 Scoria Grey



8319 Spinel Black 8359 Enhanced Dumortierite, 8357 Quartz Blue, 8356 Lace Agate

# KÄHRS UPOFLOOR QUARTZ

## AN INTRODUCTION TO A DIVERSE MATERIAL



### PATTERN ENABLED WITH MODERN MODULARITY

The Quartz range comes in different tile sizes to create endless design opportunities. The Quartz collection has 3 modular sizes: 12" square, 24" square and 12"x24" rectangle. The sizes fit perfectly together and allows for new, exciting installation patterns.



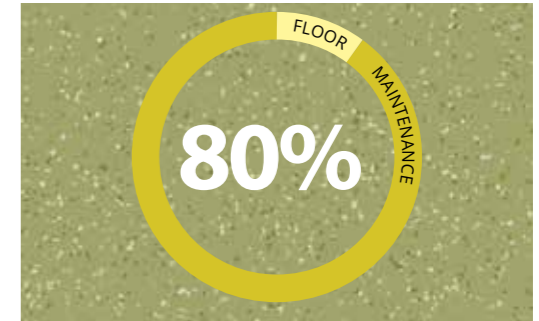
### STANDING OUT WITH COLOR

The number one visual component that people remember most when in a new environment is color. Color increases recognition by up to 80%, and color can help you stand out in a crowd. The new, bolder color palette of Quartz offers a wide color range, from traditional colors to eye catching alternatives, for creative use to boost the curiosity in public spaces.



### DURABLE AND RELIABLE

Quartz is a product range with more than 60 years of production in Finland and with successful installations worldwide. Our Quartz tiles have been installed in all kinds of environments that have one thing in common: their need for a tough, strong and easily-maintained floor with a sound environmental character. The Quartz tiles provide a very durable option due to hardness and excellent indentation resistance. Static load is tested at 3500 psi.



### LOW LIFECYCLE COST

Flooring in public spaces is an investment for decades. It is therefore important to consider the total cost for the lifespan of the flooring, as the maintenance cost can substantially exceed the initial costs. Quartz provides a homogeneous construction, made from only a few raw materials, and with a polyurethane (PUR) surface treatment. Thanks to the PUR surface treatment, initial polishing is not needed and the dense surface rejects dirt, making maintenance easy and cost-effective. There is no waxing or dry-buffing required initially.



### A RANGE WITH DIFFERENT DESIGNS

Explore all the Quartz styles: Mosaic and Tema feature a traditional chip design, Uni offers a uni-colored design, and Lines presents new directional design. When combining colors, designs and sizes, the opportunities for individual and outstanding flooring solutions are endless.



### APPLICATION AREAS

Kährs Quartz flooring is recommended for heavy-use areas such as shops and department stores, offices, educational spaces and industrial premises. The range of compressed Quartz tiles are suitable for the most demanding high traffic applications. Combining the durability of Quartz with the design possibilities in sizes and colors, the range is a great choice especially within education where creating inspirational areas is very important.



### EASY INSTALLATION WITH LOW MATERIAL WASTE

Installation is made easy due to the thoughtful design and construction of the tiles. The tiles are homogeneously constructed, which allows the product to be extremely flexible, and not break during installation, conforming to slight irregularities and even to curving surfaces. The flexible format of the tiles offers design possibilities to keep installation waste at minimum. After installation, you can rest assured that the result is both hardwearing and environmentally sound. If needed, individual tiles can easily be replaced.



### A HEALTHY & SUSTAINABLE CHOICE

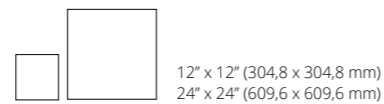
The Quartz product range is made from quartz sand, plastics, minerals and additives, and up to 96% of unused materials are recycled back into production. The product contains 7% biobased material and is free from phthalates. Quartz has a generic Environmental Product Declaration (EPD) and, since 2020, a Health Product Declaration (HPD). The VOC emission is classified as extremely low, and Quartz has been awarded the FloorScore indoor air certificate as well as the best M1 rating of building materials. Using quartz sand, we have made the material as durable and long-lasting as possible to extend the life cycle.

# KÄHRS UPOFLOOR QUARTZ RANGES



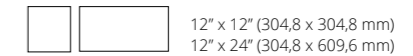
## KÄHRS UPOFLOOR QUARTZ MOSAIC

The versatile Mosaic range includes a wide variety of classic and colorful designs. The Quartz Mosaic color palette is built based on the impact of color to create an environment of learning. We have created color moods that enhance creativity and stimulate a cool and relaxing environment. While the striped, tone-on-tone tinted granulates soften the visual appearance, they also hide dirt efficiently, making Mosaic suitable even for the most demanding areas and situations.



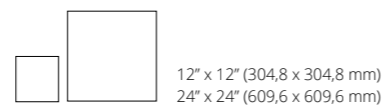
## KÄHRS UPOFLOOR QUARTZ UNI

The wide range of 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. Uni provides color combinations that build an environment of curiosity, exploration, and discovery - especially when combined with other designs from the Quartz range.



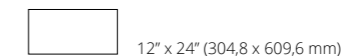
## KÄHRS UPOFLOOR QUARTZ TEMA

The Tema collection offers a more minimalistic, non-directional, and modern chip design in a wide range of colors. Tema is an excellent choice for a more unicolored and subtle design than Mosaic, and still offers 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.



## KÄHRS UPOFLOOR QUARTZ 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. It also makes installation patterns livelier with a directional striped design. The Lines collection offers 16 colors and is ideally combined with other Quartz designs.

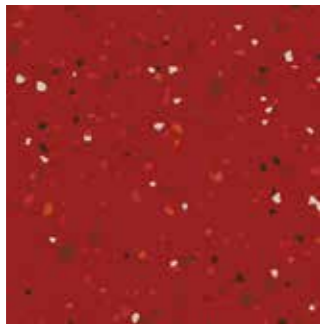




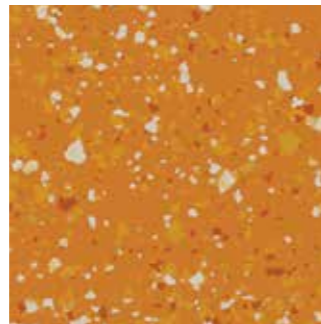
KÄHRS UPOFLOOR  
**QUARTZ MOSAIC**

8329 Amber Yellow, 8322 Nude Limestone, 8324 Hypersthene Ash

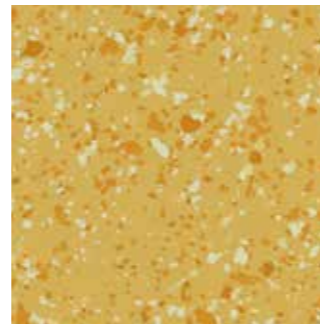
# KÄHRS UPOFLOOR QUARTZ MOSAIC



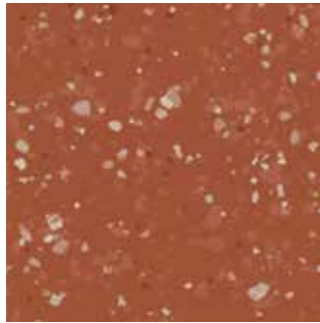
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NCS 2764-Y92R LRV 11.8



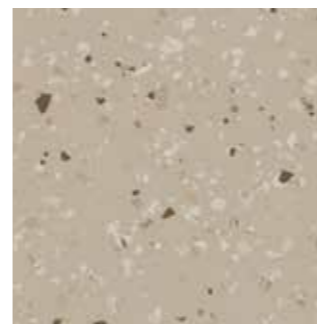
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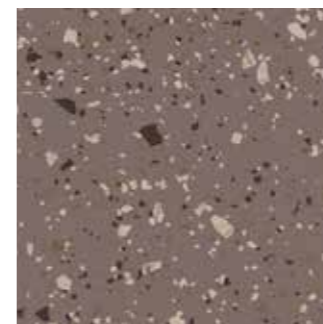
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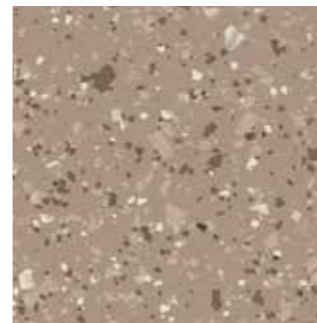
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NCS 4235-Y69R LRV 17.0



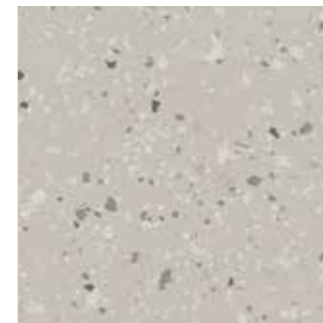
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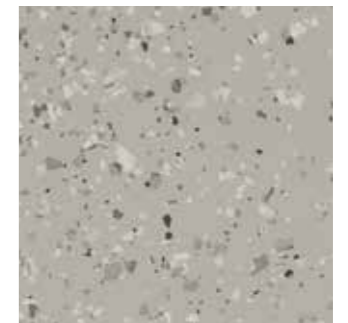
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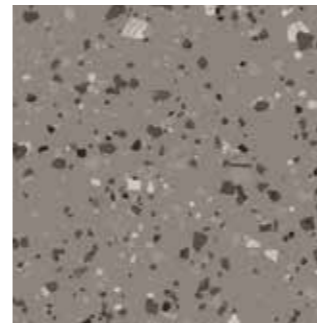
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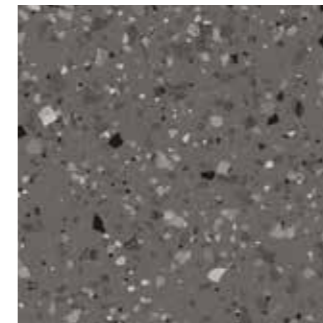
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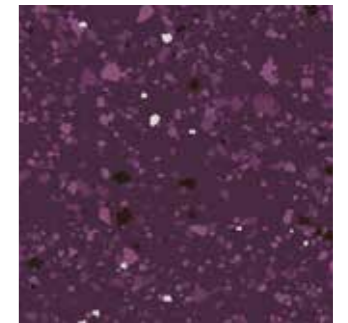
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8303 Gabbro Grey  
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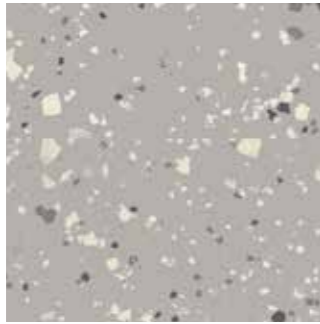


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NCS 6201-Y03R LRV 17.8

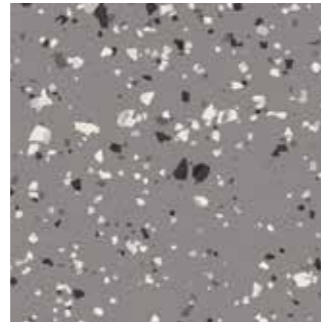


8348 Deep Purpurite  
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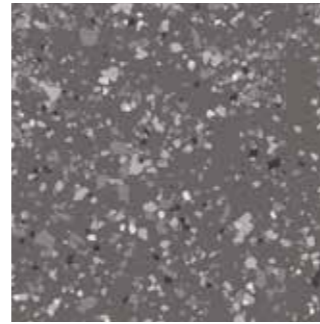
# KÄHRS UPOFLOOR QUARTZ MOSAIC



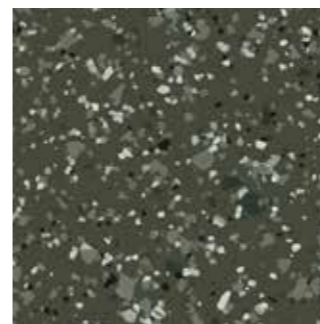
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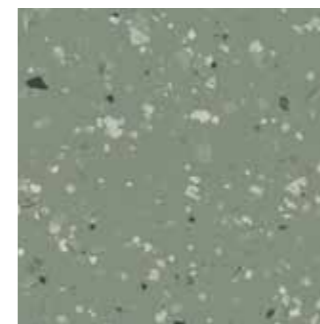
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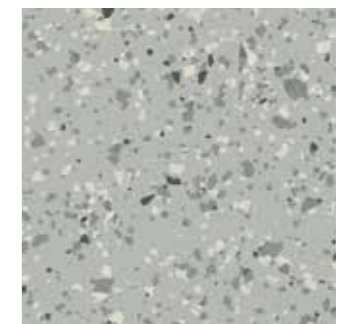
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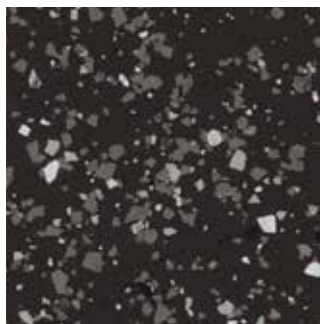
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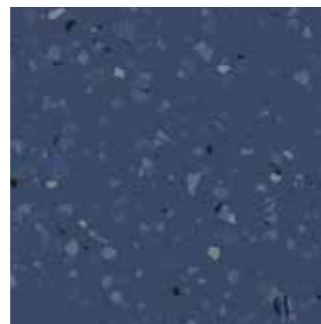
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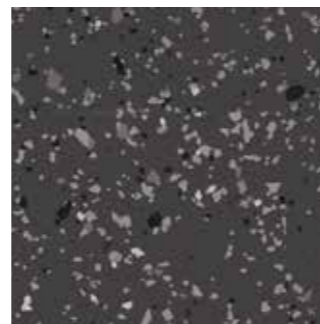
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NCS 2503-G22Y LRV 49.6



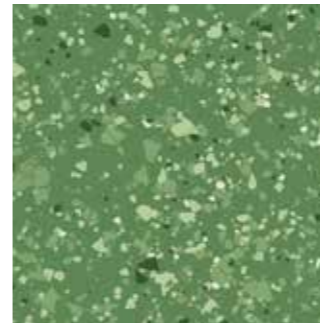
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NCS 8500-N LRV 6.4



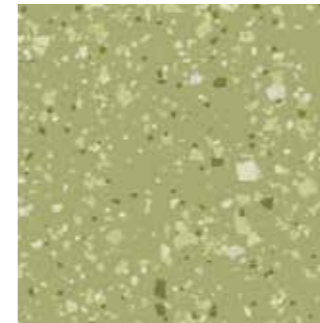
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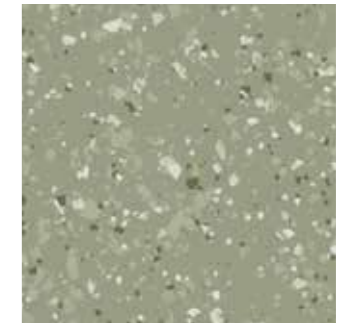
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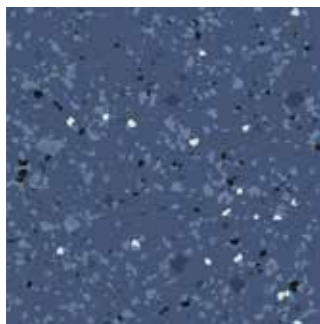
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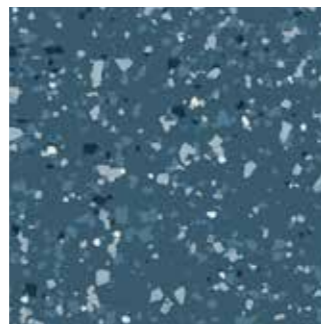
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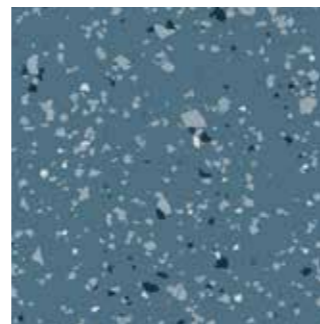
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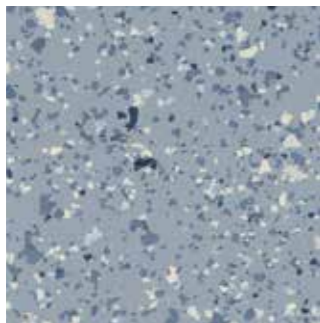
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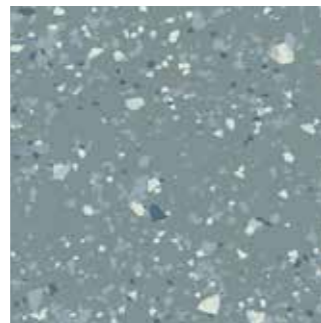
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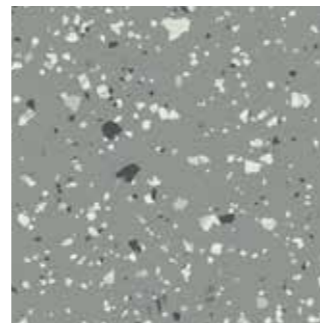
8354 Confident Sapphire  
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8356 Lace Agate  
NCS 2511-R92B LRV 44.1



8353 Blue Chalcedony  
NCS 3810-B21G LRV 31.6



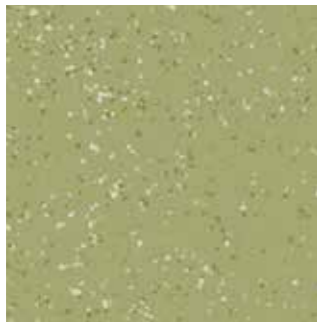
8364 Pale Hiddenite  
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# KÄHRS UPOFLOOR QUARTZ TEMA



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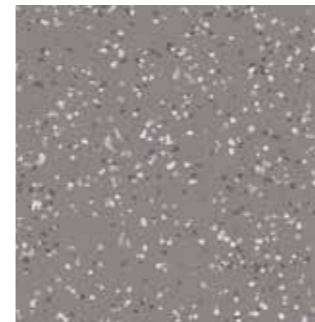
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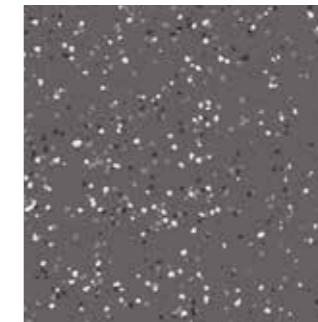
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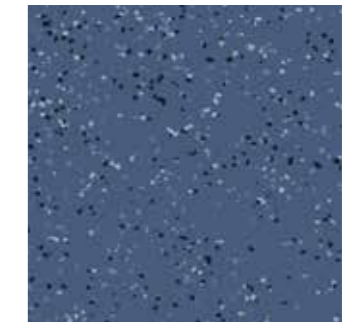
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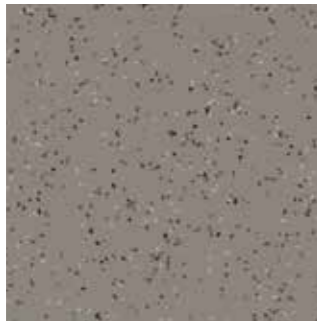
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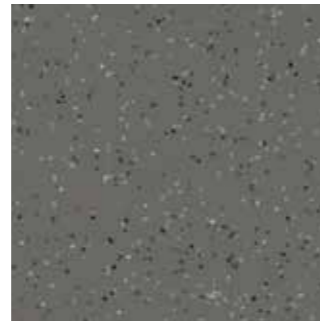
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8157 Quartz Blue  
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8103 Gabbro Grey  
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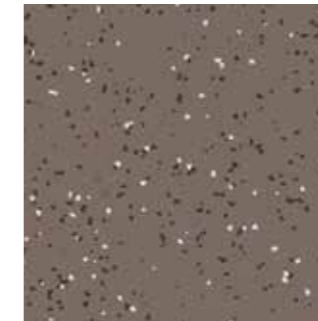
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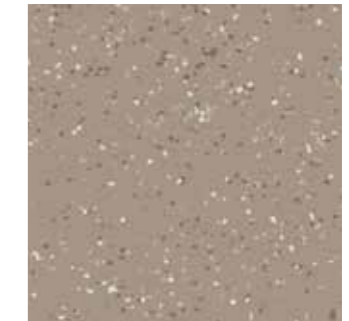
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8144 Tigereye Red  
NCS 4235-Y69R LRV 17.0



8124 Hypersthene Ash  
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8123 Modest Cancrinite  
NCS 3607-Y47R LRV 34.8



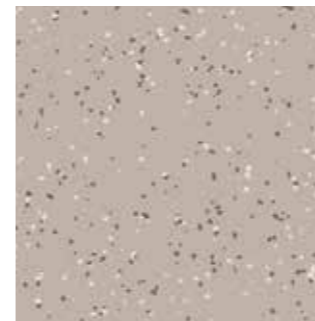
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8101 Howlite White  
NCS 2102-G83Y LRV 56.1



8153 Blue Chalcedony  
NCS 3810-B21G LRV 31.6



8122 Nude Limestone  
NCS 2704-Y31R LRV 46.5



# KÄHRS UPOFLOOR QUARTZ UNI

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8049 Crocoite Red  
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8039 Sunstone Orange  
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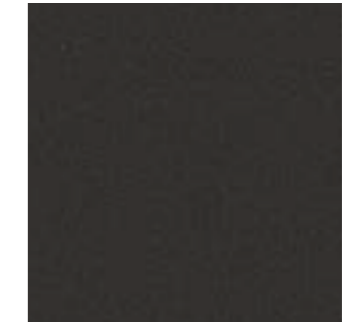
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8014 Quartz Thunder  
NCS 2801-Y41R LRV 46.8



8017 Zebra Jasper  
NCS 7601-R54B LRV 10.1



8019 Spinel Black  
NCS 8500-N LRV 6.4



8024 Hypersthene Ash  
NCS 5604-Y64R LRV 19.9



8023 Modest Cancrinite  
NCS 3607-Y47R LRV 34.8



8022 Nude Limestone  
NCS 2704-Y31R LRV 46.5



8057 Quartz Blue  
NCS 5024-R81B LRV 15.4



8015 Lava Grey  
NCS 4401-Y67R LRV 30.1



8053 Blue Chalcedony  
NCS 3810-B21G LRV 31.6



8002 Conglomerate Grey  
NCS 3102-Y01R LRV 43.3



8003 Gabbro Grey  
NCS 4702-Y19R LRV 27.6



8004 Scoria Grey  
NCS 6201-Y03R LRV 17.8



8065 Prosperous Peridot  
NCS 2824-G66Y LRV 39.0



8066 Gentle Rhyolite  
NCS 3511-G50Y LRV 35.1



# KÄHRS UPOFLOOR QUARTZ LINES

8202 Conglomerate Grey, 8223 Modest Cancrinite, 8215 Lava Grey, 8214 Quartz Thunder  
8369 Moss Agate, 8365 Prosperous Peridot, 8366 Gentle Rhyolite, 8367 Chlorite Quartz

# KÄHRS UPOFLOOR QUARTZ LINES



8214 Quartz Thunder  
NCS 2801-Y41R LRV 46.8



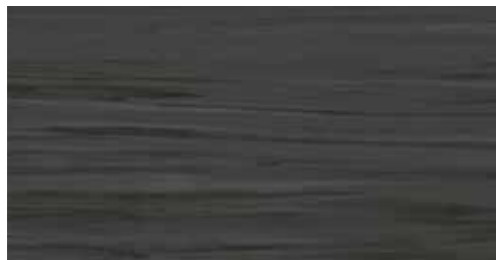
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8222 Nude Limestone  
NCS 2704-Y31R LRV 46.5



8223 Modest Cancrinite  
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8217 Zebra Jasper  
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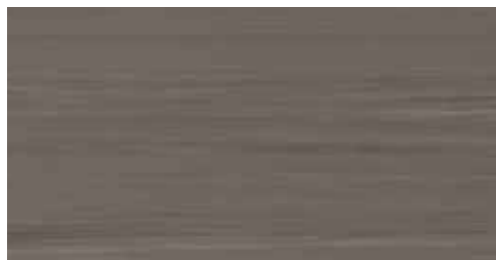
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8224 Hypersthene Ash  
NCS 5604-Y64R LRV 19.9



8249 Crocoite Red  
NCS 2764-Y92R LRV 11.8



8204 Scoria Grey  
NCS 6201-Y03R LRV 17.8



8203 Gabbro Grey  
NCS 4702-Y19R LRV 27.6



8265 Prosperous Peridot  
NCS 2824-G66Y LRV 39.0



8229 Amber Yellow  
NCS 2038-Y04R LRV 47.2



8202 Conglomerate Grey  
NCS 3102-Y01R LRV 43.3



8244 Tigereye Red  
NCS 4235-Y69R LRV 17.0



8253 Blue Chalcedony  
NCS 3810-B21G LRV 31.6



8257 Quartz Blue  
NCS 5024-R81B LRV 15.4

# LIGHT REFLECTANCE VALUES (LRV)

## Optimal Choice

LRVs can be used to show compliance and understanding of various building regulations within hospitals, schools and the commercial environment, as well as represent a relative light and dark value rather than an actual color.

A color's Light Reflectance Value (LRV) measures the amount of visible and usable light that reflects from (or absorbs into) a surface. Simply put, LRV measures the percentage of light a color reflects, forming a universal value for contrast expressed on a scale of 1 - 100, with 1 equaling absolute black and 100 equaling absolute white. The higher the value obtained, the greater the amount of light that is being reflected.

The European Equality Act 2010 is a European law which requires a 30 point difference between floors and walls to assist in the safety of people with disabilities. The typical optimal choice for everyday design considerations are LRVs between 9 and 75.



8165 Prosperous Peridot  
NCS 2824-G66Y LRV 39.0



8019 Spinel Black  
NCS 8500-N LRV 6.4

All floor samples are available on request at [www.kahrsflooring.com](http://www.kahrsflooring.com). Please visit [www.kahrsflooring.com](http://www.kahrsflooring.com) for detailed information about installation and maintenance.

## PRODUCT DATA SHEET UPOFLOOR QUARTZ

### PRODUCT

Quartz	EN 17396	Mosaic, Uni, Tema, Lines
Application	EN ISO 10874	23/34/43



### SPECIFICATION

Thickness		EN ISO 24346	2.0 mm
Weight		EN ISO 23997	4000 g/m <sup>2</sup>
Tile size / delivery package		EN ISO 24342	Mosaic, Uni, Tema 12" x 12" (304.8 x 304.8 mm) / 58 pcs / 58 ft <sup>2</sup> (5.39 m <sup>2</sup> ) 24" x 24" (609.6 x 609.6 mm) / 12 pcs / 48 ft <sup>2</sup> (4.46 m <sup>2</sup> )
			Mosaic, Tema 12" x 24" (304.8 x 609.6 mm) / 24 pcs / 48 ft <sup>2</sup> (4.46 m <sup>2</sup> )
			Uni, Lines / 24 pcs / 48 ft <sup>2</sup> (4.46 m <sup>2</sup> )

### PRODUCT PROPERTIES

PROPERTY	TEST METHOD	RESULT
Indoor air certifications		M1, Floorscore
Fire resistance	EN 13501-1	B <sub>f</sub> -s1
Residual indentation	EN ISO 24343-1	< 0.05 mm
Slip resistance	EN 13893 DIN 51130	DS (> 0.3) R9
Electrical propensity	EN 1815	≤ 2 kV (antistatic)
Wear and scratch resistance	EN 660-2 EN 649	Class T ≤ 2.0 mm <sup>3</sup>
Effect of castor chair	EN 425/ISO 4918	Suitable (25.000 cycles)
Impact Sound insulation	ISO 140-6 / ISO 717-4	L <sub>w</sub> approx. 2 dB
Dimensional stability	EN ISO 23999	< 0.2 %
Color fastness	EN ISO 105-B02	≥ 6
Flexibility	EN ISO 24344 Method A	≤ 80 mm
Chemical Resistance		Good resistance to most acids, alkalis and solvents
Bacterial growth		Surface does not act as a substrate for bacterial growth



The logo consists of a solid red square. Inside the square, the word "Kährs" is written in a white, bold, sans-serif font. A small registered trademark symbol (®) is positioned to the upper right of the letter 's'.

**Kährs**<sup>®</sup>

FLOORS BEYOND EXPECTATIONS

[www.kahrsflooring.com](http://www.kahrsflooring.com)