

# UPOFLOOR®

**QUARTZ HOVI** – HIGH PERFORMANCE COMMERCIAL FLOORING



# UPOFLOOR QUARTZ

## HIGH PERFORMANCE COMMERCIAL FLOORING

- Easy installation with minimal waste
- PUR technology, promotes easy cleaning during the whole lifespan of the floor
- No wax/finish required – ready to use
- Homogeneous construction
- Large variety of design options in monochrome and multicolour tiles in two sizes
- Certified Low-VOC Flooring Product
- Phthalate free & DEHP free

Upofloor Quartz Hovi is developed to withstand the toughest of traffic in public spaces. The range of high quality performance, compressed quartz tiles are suitable for the most demanding high traffic applications. The tiles will even endure pallet trucks and fork lifts. Upofloor Quartz has a well-proven track record – for over 60 years the Quartz tiles have been installed world wide in all kind of environments that have one thing in common; their need for a tough, strong and easily maintained floor with a sound environmental character.

## EXTREME DURABILITY

A special feature of the Quartz tile is its high pressure two-stage hot-cold compression manufacturing method. This unique method gives the Quartz tiles a hard wearing surface, extremely durable structure and excellent accuracy & stability.



# A UNIQUE MATERIAL

The main raw material used in the production process of Upofloor Quartz Tiles is quartz sand, which makes the tiles extremely durable. Quartz is one of the world's hardest minerals, also used when manufacturing other types of demanding materials, such as glass, silicon wafers and optic fibres. While providing a personal appearance for any commercial and retail space such as entrance halls and sales floors, Upofloor Quartz Tiles floor is prone to withstand contamination and moisture in the heaviest of traffic areas, such as classrooms and corridors including industrial environments where heavy machinery is being used.



## NATURAL

Upofloor Quartz consists mostly of natural raw materials; quartz sand and calcium carbonates. The use of plasticizers is minimal, and the small amount used is bio based, nontoxic and phtalate free. This ensures extremely low emissions into indoor air. Upofloor Quartz has been awarded the FloorScore indoor air certificate and the best M1 rating of building materials.



Uses only biobased plasticizer

**VOC**  
EXTREMELY LOW  
EMISSIONS

Contains 70% quartz and natural minerals



100% of production waste is recycled back to the product



Completely recyclable material



# DESIGN

Upofloor Quartz comes in a variety of different design options, including chipped and unicolor designs. You will find them in a multitude of colors in two size formats, allowing ultimate freedom of creativity. They work well with both harmonious minimalistic interiors, as well as with rich and opulent design styles and buildings from all eras.

# OPTIONS

Upofloor Quartz collections are easy to mix and match. Each collection is built on identical basic colors, offering different design options that enable the optimal choices, not only visually but also with consideration to maintenance requirements in different wearing circumstances.

The colour selection is focused on warm and soft shades, which make creation of timeless backgrounds to interior design easy.



# LIFECYCLE COST

Flooring in public spaces can be an investment for decades. It is therefore important to consider the total cost for the life span of the flooring, as the maintenance cost can substantially exceed the initial costs.

Upofloor Quartz tiles feature an extremely dense structure in which dirt can't penetrate. The durability and easy care PUR surface treatment contribute to the longevity of the floor while keeping the maintenance cost low.



# MAINTENANCE

## Initial cleaning

Remove loose contamination with a mop or vacuum cleaner. Wash the floor using a combination machine with red pads or a floor cleaning machine and a wet vacuum cleaner. Use a mild alkaline cleaning and maintenance agent. Rinse the floor carefully but avoid excessive use of water. You can also treat the cleaned floor with an SHS machine and a maintenance care agent.

## Initial polishing

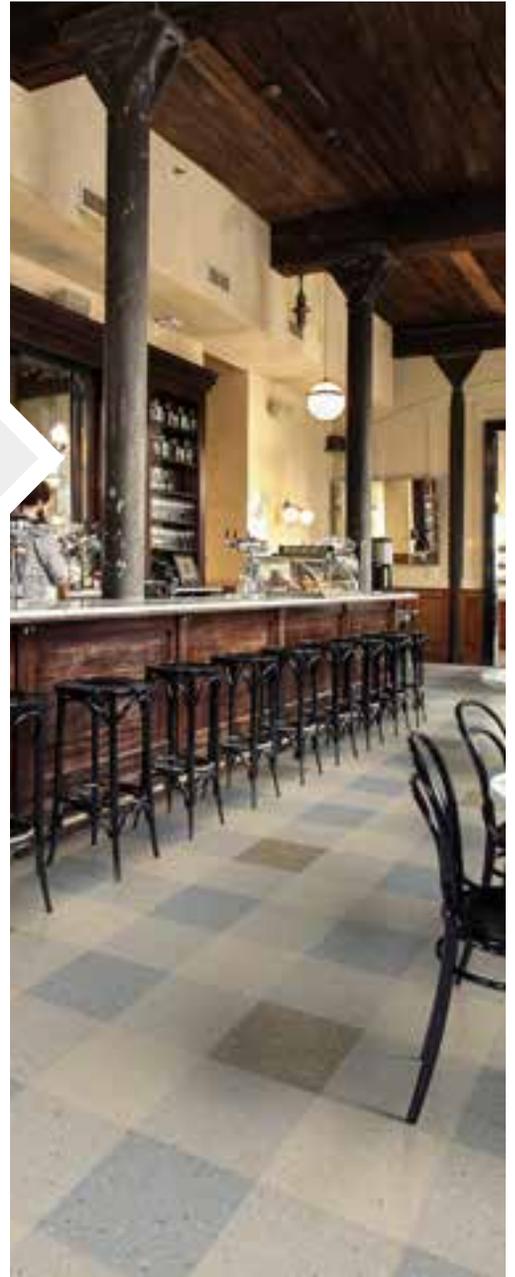
Initial polishing is not needed because of PUR (polyurethane) treatment.

## Daily maintenance

Alternate dry/damp cleaning with wet cleaning methods. Regular treatment with a combination machine keeps the floor clean and heavy basic cleaning can be avoided. Use a mild alkaline cleaning and maintenance agent. You can also clean the floor with an SHS machine and a maintenance agent. When necessary, cleaning with a stronger maintenance agent is recommended.

## Basic cleaning

Basic cleaning should be performed on heavily contaminated floors exposed to heavy traffic. Clean the floor with an alkaline or strong alkaline detergent. Use a floor cleaning machine with red or blue pads. Clean old and heavily contaminated floors with brown pads. Rinse the floor carefully. Apply a maintenance care agent solution to the cleaned floor and treat the dry surface with an SHS machine. When necessary, localized polishing can be carried out on areas with most traffic.



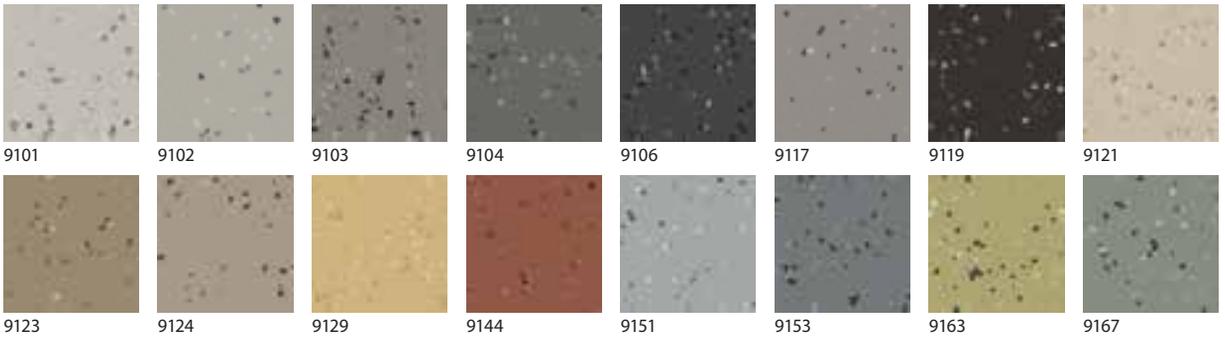
# EASY INSTALLATION

Due to the unique manufacturing method the Upofloor Quartz tiles are extremely flexible. They are light to handle and will not break easily during installation, conforming to slight irregularities of the base – and even to curving surfaces. The installation waste is minimal, approximately 3% and if later necessary, individual tiles can easily be replaced.

For installation instructions, see [www.upofloor.com](http://www.upofloor.com)

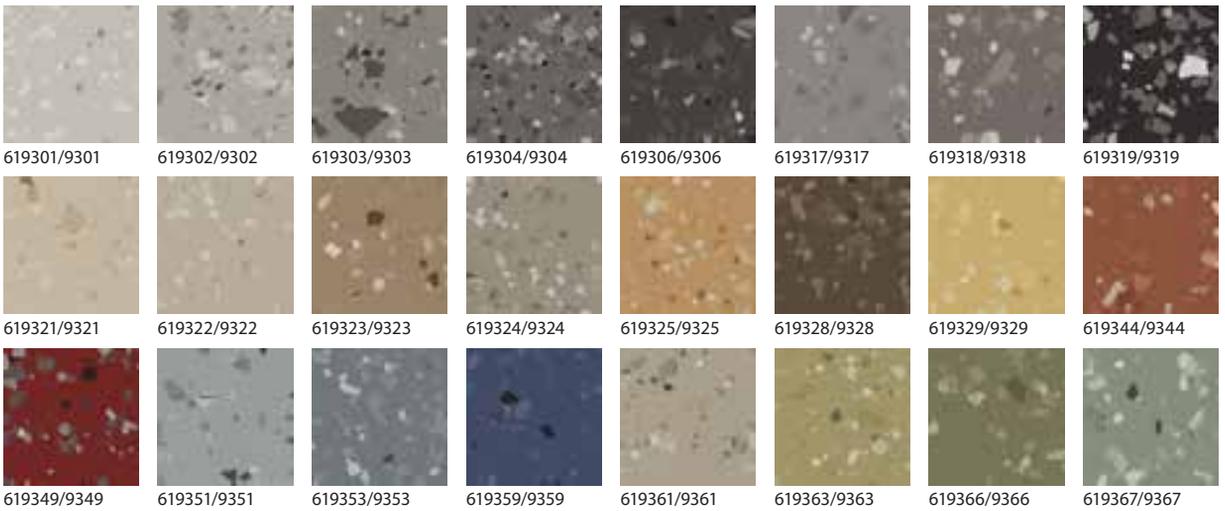
# RANGE

## Tema Collection



## Mosaic Collection

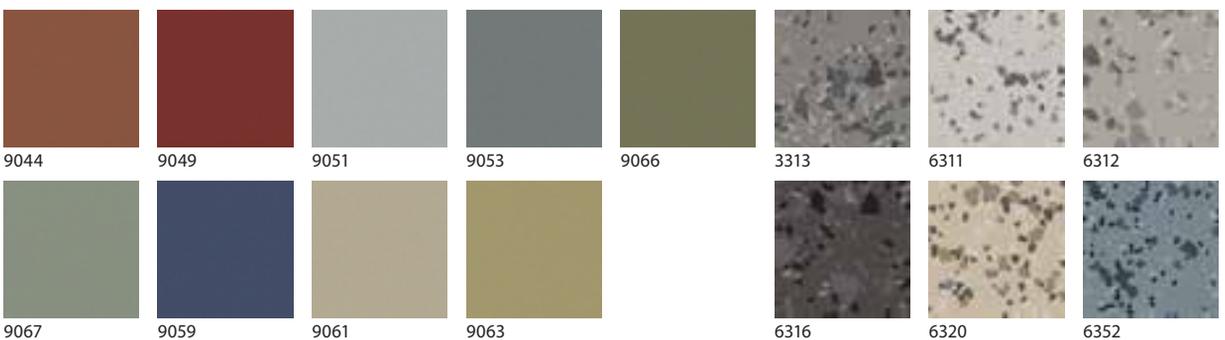
609.6 x 609.6 mm / 300 x 300 mm



## Uni Collection



## Mosaic Classic Collection





# TECHNICAL DATA

<b>Product</b>	EN 649 EN 654	Uni, Tema Mosaic, Mosaic Classic
<b>Application</b>	EN 685	23/34/43 Public spaces subject to hard wear

## Technical Specification

<b>Thickness</b>	EN 428	2.0 mm
<b>Weight</b>	EN 430	4000 g/m <sup>2</sup>
<b>Tile Size</b>	EN 427	300 x 300 mm Mosaic: also 609.6 x 609.6 mm (24x24")
<b>Delivery Package</b>		300 x 300 mm / 5.4 m <sup>2</sup> , 609.6 x 609.6 mm / 4.46 m <sup>2</sup>

Product properties	Test method	Result
<b>Fire Resistance</b>	EN13501-1	B <sub>fl</sub> - s1
<b>Indoor Air Certifications</b>		FloorScore, M1, Ü-sign
<b>Impact sound insulation</b>	ISO 140-6 / ISO 717-4	L <sub>w</sub> approx. 2 dB
<b>Dimensional stability</b>	EN 434	< 0.1 %
<b>Residual Indentation</b>	EN 433	< 0.05 mm
<b>Effect of castor chair</b>	EN 425	Suitable
<b>Wear resistance</b>	EN 660-2	T ≤ 2.0 mm <sup>3</sup>
<b>Colour Fastness</b>	EN ISO 105-BO2	≥6
<b>Slip Resistance</b>	EN 13893 DIN 51130	DS (> 0.3) R9
<b>Flexibility</b>	EN 435	40 mm (Uni, Tema)
<b>Chemical Resistance</b>		Good resistance to most acids, alkalis, and solvents
<b>Bacterial Growth</b>		Does not act as a substrate for bacterial growth

## APPLICATION AREAS

Upofloor Quartz Tiles flooring is recommended for heavy use areas such as shops and department stores, offices, educational and industrial premises.

## CERTIFIED QUALITY



EN 14041





Since the start in 1950's, Upofloor has revolutionized our view of traditional public space flooring – focusing on creating smart flooring materials that are environmentally friendly, strong and easy to maintain.

Upofloor was founded in the small town of Nokia in western Finland, one of the most entrepreneurial and innovative centres in Europe. It was here that the Nokia Group started its operations in the 19th century as a small paper mill, taking its name from the city. The innovative spirit that took the Nokia telecom brand to worldwide success has made a strong mark on the city, and has attracted a number of innovative companies over the decades. One of these is Upofloor, which was founded in Nokia's old paper mill and which was also owned by the Nokia Group for a period of time.

Upofloor's founding vision was to offer the Finnish market an innovative product that was catching on around the world, i.e. resilient vinyl flooring. Production expanded in 1960's to include public space resilient sheet floorings and flexible vinyl floorings for domestic use. Meanwhile, a growing demand from other countries resulted in continuously expanding exports.

Today, Upofloor has successfully produced, marketed and installed millions of square meters of floorings all around the world.

#### **Focus on environmentally friendly floorings**

Upofloor product development activities are still based in the pioneering town of Nokia. Focus is on designing innovative, environmentally friendly flooring that is durable and easy to maintain.

Upofloor is the leading quartz tile manufacturer with more than 60 year's experience, providing uniquely designed flooring to many types of commercial installations.

Upofloor is also a pioneer in PVC free floorings, aiming to continuously expand our offering in design-driven, technologically advanced and sustainable flooring.

#### **Part of Kährs Group**

Today, Upofloor has two production facilities in Finland. The company is a part of the Kährs Group. Established in 1857, Kährs is the world's oldest and leading wood flooring manufacturer with worldwide brand recognition.

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