

# UPOFLOOR®

**QUARTZ** – HIGH PERFORMANCE COMMERCIAL TILE FLOORING



# UPOFLOOR QUARTZ

## HIGH PERFORMANCE COMMERCIAL FLOORING

- Easy installation with minimal waste
- PUR coating technology, ensures easy cleaning during the whole lifespan of the floor
- No wax/finish required – Occupancy ready
- Homogeneous construction
- Large variety of designer options in monochrome and multicolor tiles available in two size formats
- Certified Low-VOC Flooring Product
- Phthalate free & DEHP free

Upofloor Quartz tile 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 tiles is its two-stage hot-cold compression manufacturing method under high pressure. This unique method gives the Quartz tiles a hard wear surface, an extremely durable overall structure and excellent dimensional accuracy and 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 able to withstand soil, dirt and moisture in the heaviest of pedestrian traffic areas, such as classrooms and corridors, as well as in industrial areas where heavy machinery is being used.



## NATURAL

Upofloor Quartz tile 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 tile 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 tile comes in a variety of different designer options, including chipped and unicolour 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 tile collections are easy to mix and match. Each collection is built on identical basic colours, offering different design options that enable the optimal choices, not only visually but also with consideration to maintenance requirements in different wearing circumstances.

The color 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 dirt 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

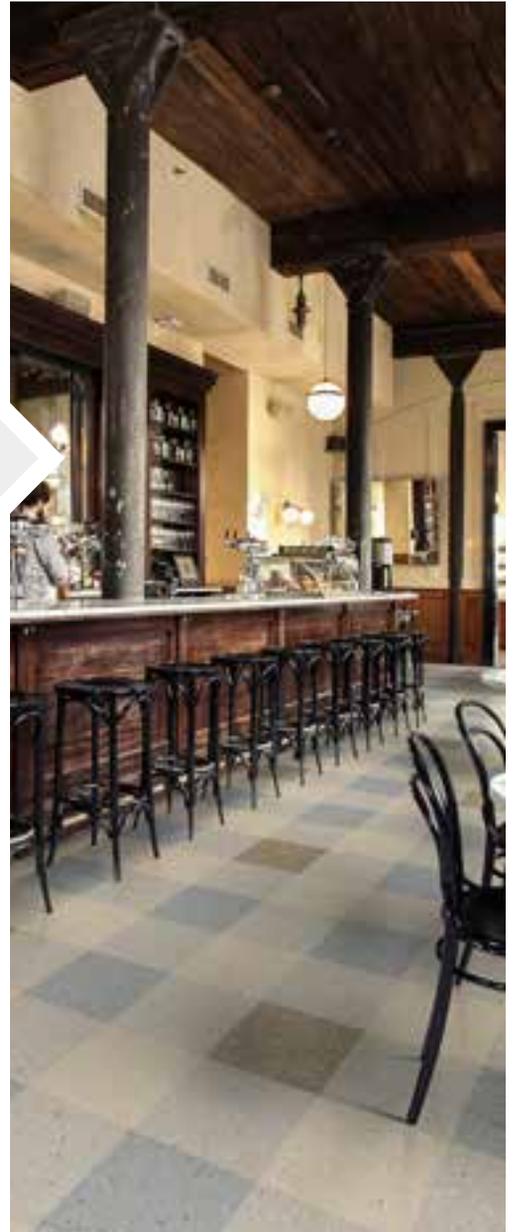
Initial polishing is not needed because of PUR (polyurethane) treatment.

## 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 very soiled 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 soiled 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

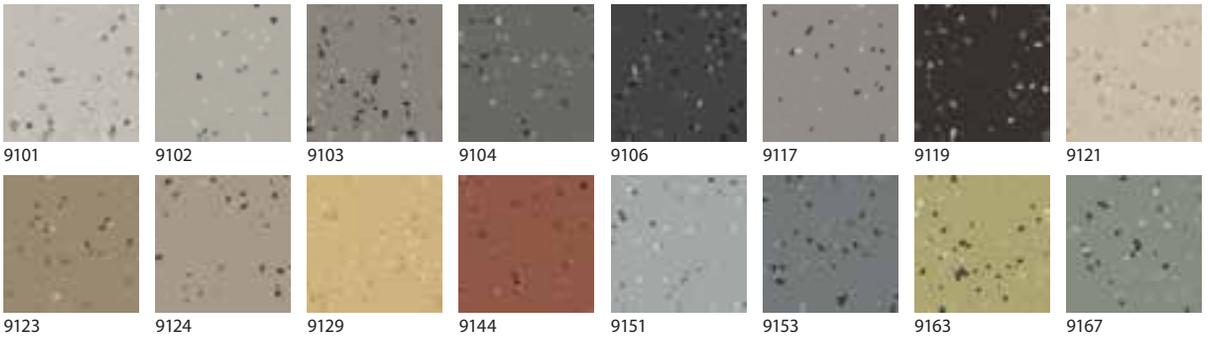
Due to their unique manufacturing method the Upofloor Quartz tiles are extremely flexible. They are light to handle and will not break easily during installation, conforming to slight irregularities of the base – and even to curving surfaces. The installation waste is minimal, only about 3%. If later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

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

# RANGE

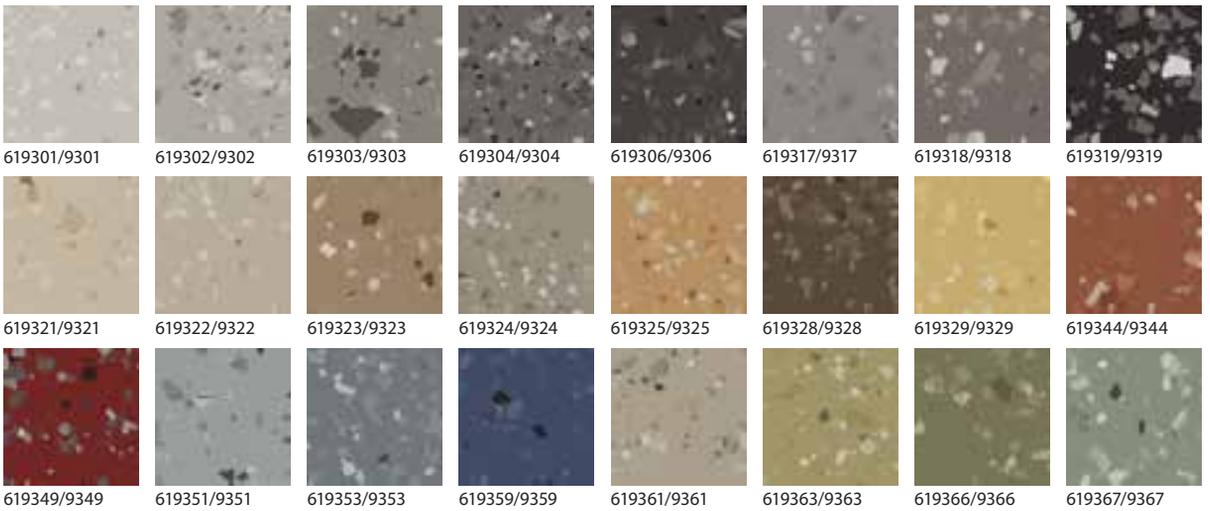
## Tema Collection

12" x 12"



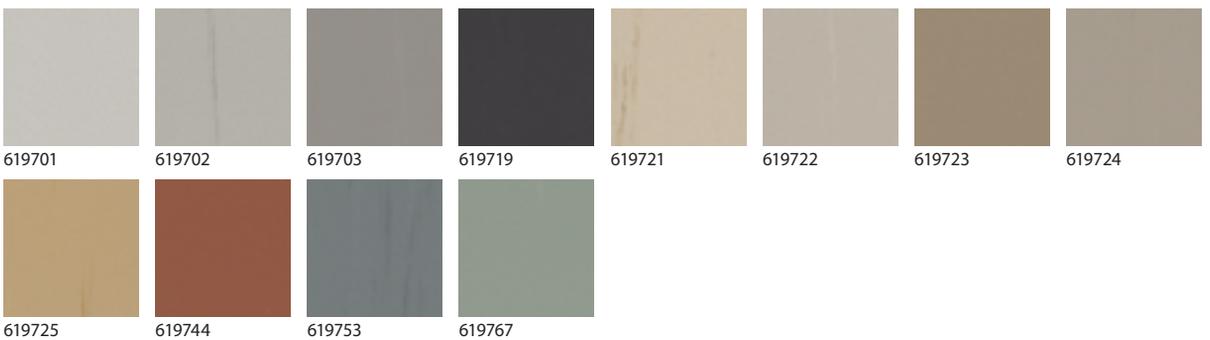
## Mosaic Collection

24" x 24" / 12" x 12"



## Marble Collection

24" x 24"

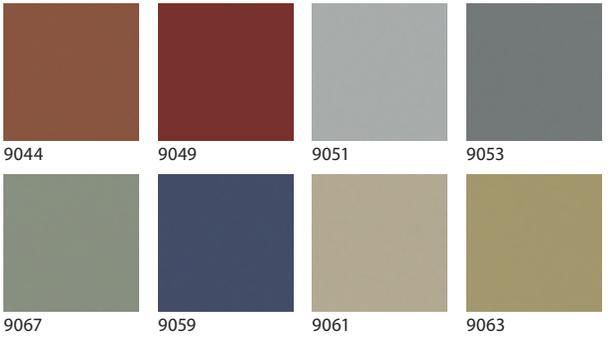


## Uni Collection

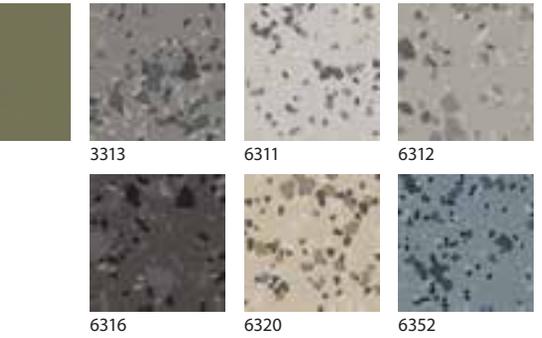
12" x 12"



## Uni Collection



## 12" x 12" Mosaic Classic Collection 12" x 12"



## APPLICATION AREAS

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

## TECHNICAL DATA

Product	Quartz Tile
Standard Specification	ASTM F1066
Thickness	0.08" (2.0mm)
Weight	0.82 lbs/ft <sup>2</sup> (4.0 kg/m <sup>2</sup> )
Size Tiles / box	<b>Mosaic, Mosaic Classic, Tema, Uni</b> 11.8" x 11.8" (300 x 300 mm)
Area per box	60 pcs 58.13 ft <sup>2</sup> (5.4 m <sup>2</sup> )
	<b>Mosaic, Marble</b> 24" x 24" (610 x 610 mm)
	12 pcs 48 ft <sup>2</sup> (4.46 m <sup>2</sup> )
ASTM 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	Pass, Good resistance to most acids, alkalis and solvents
Bacterial growth	Does not support bacterial growth
VOC Emissions CA 01350	Low Emitting Material FloorScore Certificate #: SCS-FS-02258
Warranty	15 years

## CERTIFIED QUALITY



SCS Certified





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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