

UPOFLOOR



HOVI
QUARTZ

CONTRACT
FLOORING
TILES

HOVI MOSAIC

HOVI MOSAIC
CLASSIC

HOVI TEMA

HOVI UNI



HOVI
QUARTZ

Unique Hovi



Trust Creative Society

Hovi Mosaic 9301, 9317

The Hovi flooring product family intended for heavy duty use in public premises offers the users many benefits based on its internationally unique tile manufacturing method.

The special feature of the Hovi quartz vinyl tiles is a two-stage hot-cold compression method where the compression force has a maximum of 600 tonnes. In the same way that diamonds gain their hardness over a long period of time under compression and pressure, Hovi tiles gain a hard wear surface, a durable overall structure, and excellent dimensional accuracy and stability. In addition to durability, the unique manufacturing method also makes Hovi very flexible, which is a benefit during installation. The flexibility is achieved by using very small amounts of plastic and plasticizer, which also makes Hovi floors indoor air friendly.

Hovi tiles are long-lasting, easy-to-maintain, and economic flooring materials. This has been demonstrated by their extensive use for over 60 years.

Hovi quartz vinyl tiles are typically used in commercial premises, schools, hospitals, kindergartens, offices, exhibition spaces, museums, and warehouses.

In use for
60
years

Compression under
600 t.
pressure

Contains approx.
70%
quartz and
natural minerals

The best
T
wear resistance

Ecological and safe

The Hovi tiles' structure containing quartz sand endures heavy wear. A Hovi floor is very long-lasting in use, and individual tiles are easy to change for new ones even after many years. The dense surface is easy to maintain, and there is no need to use strong chemicals in the maintenance.

With regard to indoor air quality, Hovi floors are a safe choice. Emissions indoors are extremely low because Hovi tiles use a bio based plasticizer, which is phthalate free. Also, the amount of plastic is about 50 % of the amount normally used in homogeneous vinyl floorings. Hovi tiles have the M1 building material rating, and they have been awarded the FloorScore indoor air certificate.

When designing the Hovi range, special attention has been paid to the recyclability of the material in the manufacturing process. All the leftover materials from production are recycled for manufacturing the product.



Natural

The secret of Hovi tile durability is the seabed quartz sand used as their raw material.

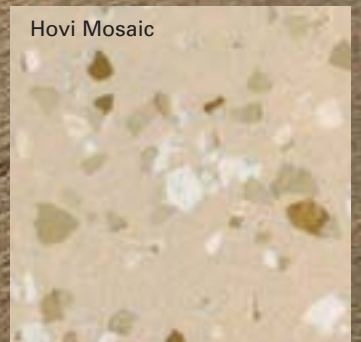
Hovi Uni



Hovi Tema



Hovi Mosaic



Hovi Mosaic Classic





Durable and flexible

Hovi Mosaic Classic 6311

The main raw material of Hovi tiles is quartz sand. Quartz is the source of the durability of the tiles. Quartz is also used in the manufacture of glass, silicon wafers, and optic fibres.

Hovi tiles have received the best possible T-wear resistance rating in accordance with the EN 660-2 standard. The tiles endure even pallet truck and forklift traffic.

In addition to durability, the unique manufacturing method under high pressure gives Hovi tiles density and flexibility which ensure that the tiles do not break easily. According to the product standard EN 649, Hovi tiles can be classified as resilient floor coverings.

Diamond

Corundum

Topaz

Quartz

Orthoclase
Feldspar

Apatite

Fluorite

Calcite

Gypsum

Talc



Hovi Mosaic Classic 6311

Mineral hardness can be measured on the Mohs scale, which includes ten minerals. Diamond is the world's hardest mineral. In the Mohs scale, harder minerals can scratch the surface of softer minerals. For example, the hardness of a knife blade corresponds to that of apatite.



Hovi Mosaic 9319

Easy to install

The compression technology gives Hovi tiles an excellent dimensional accuracy and stability. This makes the installation of the tiles quick and effortless. The seams are tight and the finished floor looks uniform; in the high-contrast design, the seams are barely visible. The tiles are installed in butt seam, which do not require welding. This helps to avoid wide, easily soiled seams.

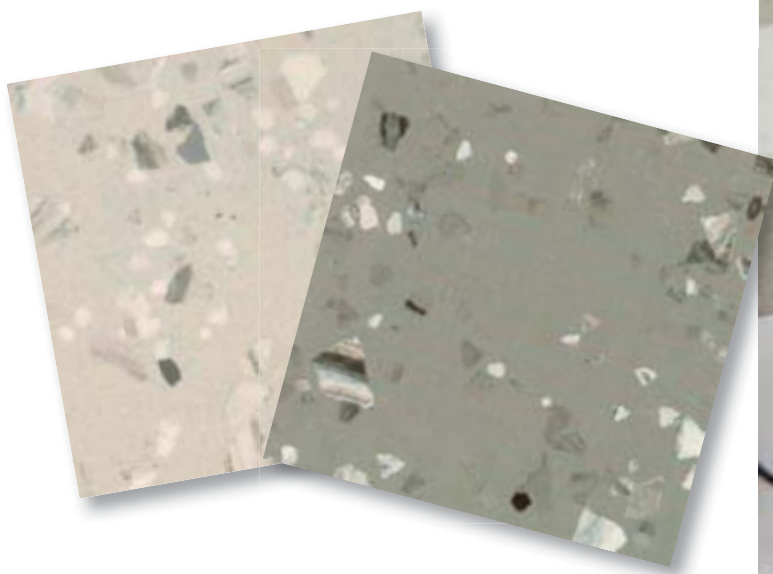


Due to its flexibility, the tiles do not break during installation. They conform to slight irregularities of the base and even on surfaces that curve, which makes installation even easier.

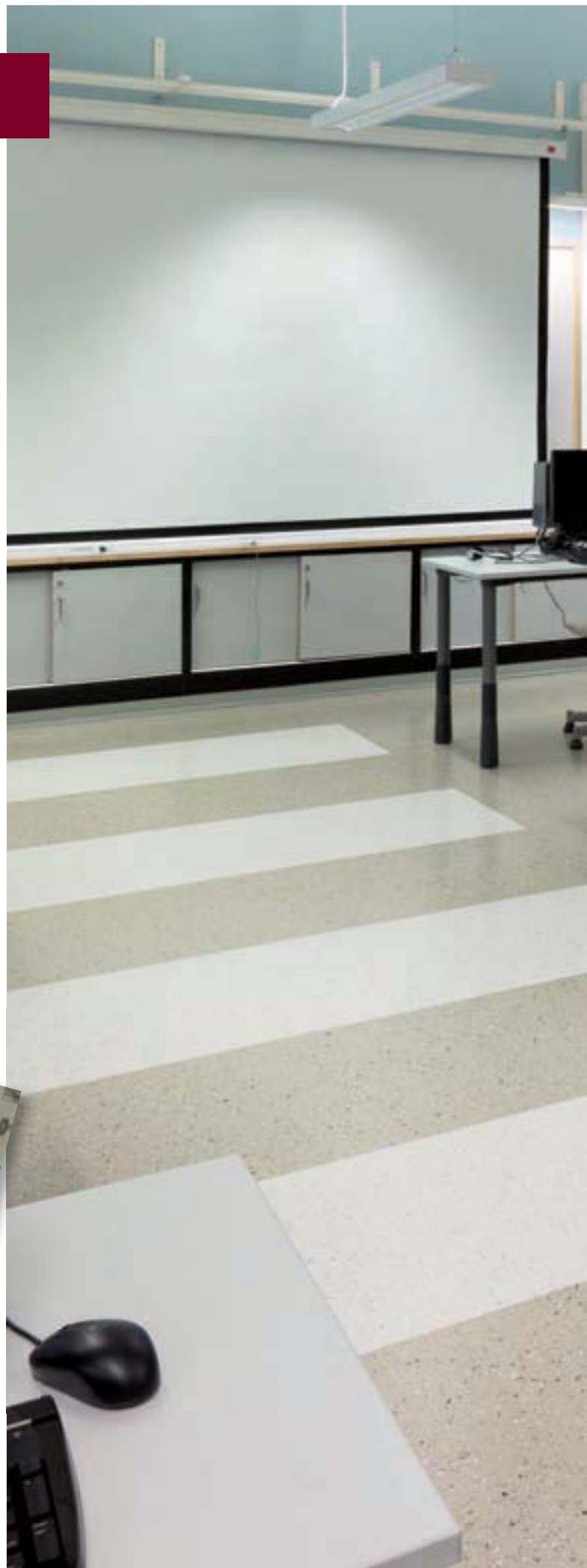
Easy to keep clean

Hovi tiles' UV-hardened PUR treatment makes the floor easy to maintain, and the floor does not require initial polishing. Dirt is easy to remove from the dense surface.

The Mosaic and Mosaic Classic design are recommended for easily soiled locations, such as street-level shops. Monochrome designs naturally require more care, so they are especially suitable for premises having lighter use.



The striped granulates add a three-dimensional effect to Hovi Mosaic's pattern. The chip design looks clean longer between cleanings.





Hovi Mosaic



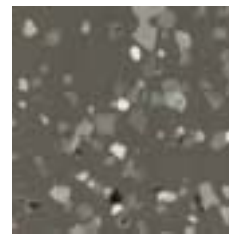


The versatile Mosaic range includes 24 different colours. Its pattern and wear surface consists of granulates made from the same material, which give life and depth to the surface. Simultaneously, the striped granulates, tinted tone-on-tone with the base colour, soften the visual look of the floor.

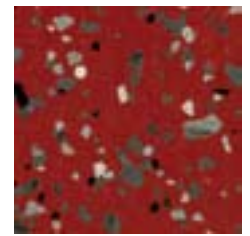
Mosaic, like other Hovi products, is available in size 30 x 30cm, but the whole range is also available in 61 x 61cm (24 x 24") size. The large tile is easier to install in large spaces such as shopping centres and industrial premises.



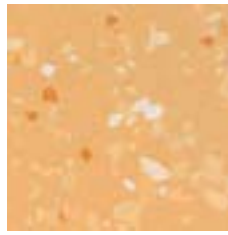
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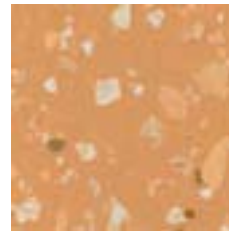
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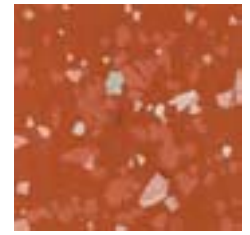
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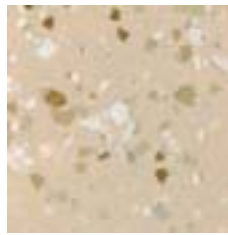
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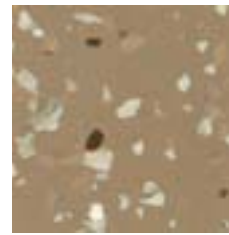
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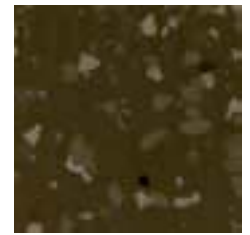
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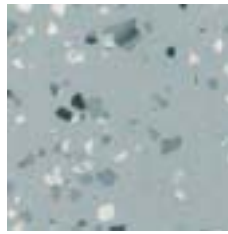
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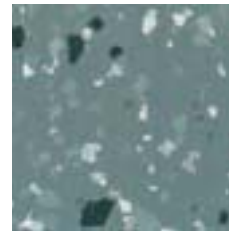
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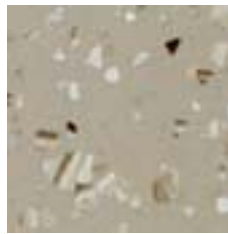
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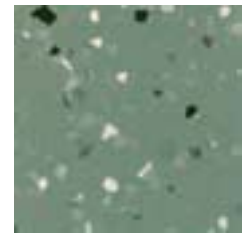
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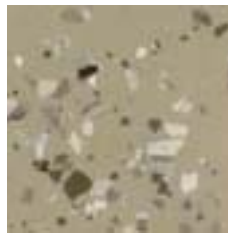
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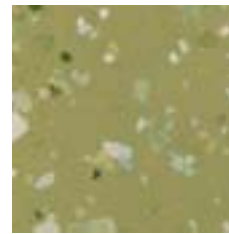
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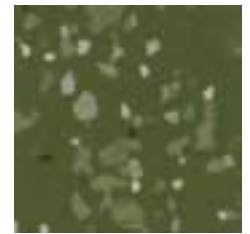
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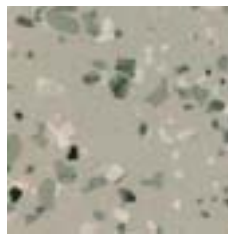
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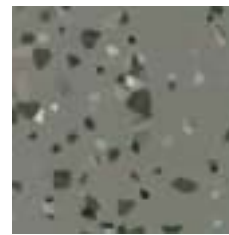
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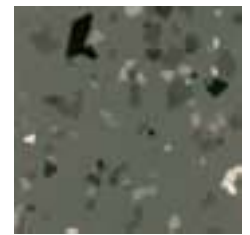
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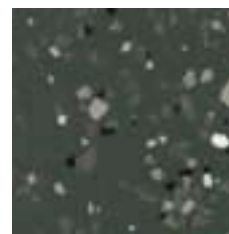
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9301



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9319



Hovi Mosaic Classic

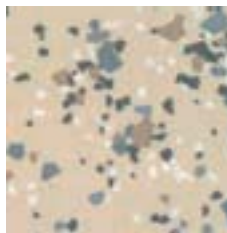


Hovi Mosaic Classic 6311

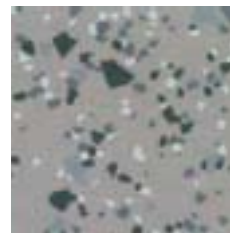


Hovi Mosaic Classic 6316, Hovi Uni 9049

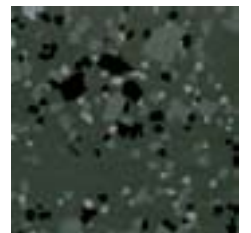
The most popular colours of the Hovi range's traditional Mosaic design supplement the Mosaic patterned range as their own Classic range. Classic's stronger chip pattern creates more contrast to the floor, and they are best suited for areas subject to hard wear, such as supermarkets and street-level entrance halls. The Mosaic Classic tiles are available in size 30 x 30cm.



6320



6313



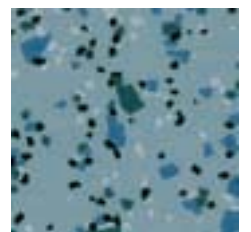
6316



6311



6312



6352

Hovi Tema



Hovi Tema is best suited where a light pattern and neutral look is wanted, such as for instance offices and service flats. The lively mini-granulate pattern

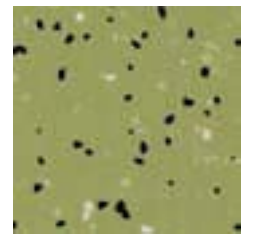
evens out on the floor to provide a restrained, elegant backdrop. The Hovi Tema range includes 16 colours; the size of the tile is 30 x 30cm.



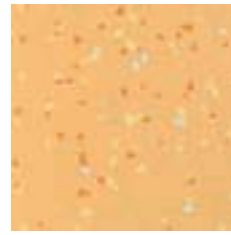
Hovi Tema 9104, 9163



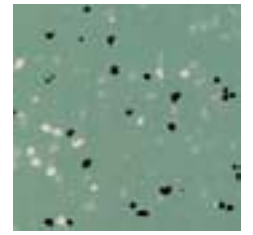
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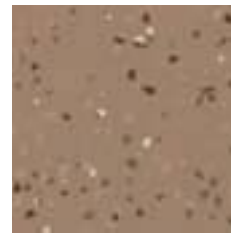
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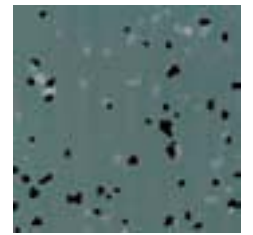
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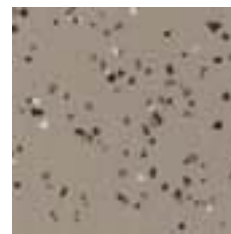
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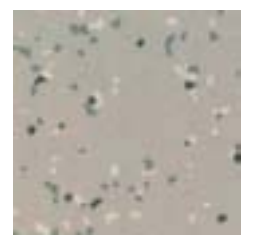
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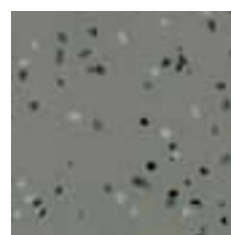
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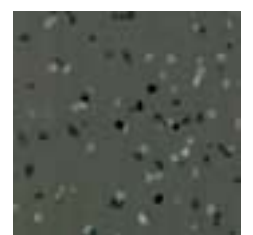
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9102



9103



9104



9106



9119

The colours may have changed slightly in printing.

Hovi Uni





The colours may have changed slightly in printing.

The unicoloured tile collection has been named Hovi Uni. The wide range of colour alternatives offers 25 soft colours. Uni can be used when creating an architectonically peaceful, timeless look or, on the other hand, to give interior design more character by combining it with other Hovi products. The water-cutting method ensures that tiles can be cut to the required shapes according to the plan. In the planning stage, remember that a monochrome floor always requires more care than patterned designs. The size of the Uni tiles is 30 x 30cm.

WARM COLOURS

There are altogether more than 70 design and colour alternatives in the Hovi tile range, which offers plenty of opportunities to design various colour combinations and patterns. The colour selection is focused on nostalgic, warm, and soft shades, which make creation of timeless backgrounds to interior design easy. Hovi is well-suited for buildings from all eras. It fits both harmonious minimalism as well as rich and opulent colour and design styles.

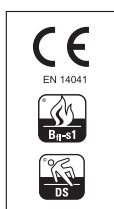
Technical information

Hovi Uni, Hovi Tema, Hovi Mosaic, Hovi Mosaic Classic

Product	EN 649 / EN 654	HOVI UNI, HOVI TEMA, HOVI MOSAIC, HOVI MOSAIC CLASSIC
		Compressed PUR-treated Quartz Vinyl Tile
Application	EN 685	21 - 43 Public areas subject to hard wear, e.g., department stores, schools, shops, offices, hospitals, warehouses, and industrial premises
Thickness	EN 428	2.0 mm
Weight	EN 430	4000 g/m ²
Tile size	EN 427	300 x 300 mm Mosaic: also 609.6 x 609.6 mm (24x24")
Delivery package		300 x 300 mm / 5.4 m ² 609,6 x 609,6 mm / 4.46 m ²

PRODUCT PROPERTIES

Property	Test method	Result
Fire resistance	EN ISO 13501-1	B _{fl} – s1
Indoor air		M1 FloorScore, Der Blaue Engel
Impact sound insulation	ISO 140-6 / ISO 717-4	L _w approx. 2 dB
Dimensional stability	EN 434	< 0.1 %
Residual indentation	EN 433	< 0.05 mm
Effect of castor chair	EN 425	Suitable
Wear resistance	EN 660-2	T ≤ 2.0 mm ³
Colour fastness	EN ISO 105-BO2	6
Slip resistance	EN 13893 DIN 51130	DS (> 0.3) R9
Flexibility	EN 435	40 mm (Hovi Uni, Hovi Tema)
Chemical resistance		Good resistance to most acids, alkalis, and solvents
Bacterial growth		Does not act as a substrate for bacterial growth. MRSA-tested.



INSTALLATION

Relative humidity of the concrete floor must not exceed RH 85 %. Temperature during installation and that of subfloor and material should be at least +18 °C (68° F). Adhesive is applied using a fine toothed glue putty knife. The amount of adhesive required is, depending on the subfloor, abt. 300 g/m². In public areas the floor must be rolled to achieve maximum adhesion. Rolling should be carried out before the adhesive dries. This is done to prevent the emergence of the adhesive application lines and indentations on the finished floor surface. Avoid traffic on the floor and do not move furniture until the adhesive is totally dry. Adhesive manufacturers provide full information and recommendations on the use of their products.

MAINTENANCE

Initial cleaning

Remove loose dirt with a mop or vacuum cleaner. Machine-wash the floor using a combination machine with red pads, a scrubbing machine with medium hard brushes, 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. Polish the floor with an SHS machine, using a maintenance agent and damp or spray cleaning methods.

Initial polishing

It is unnecessary to wax new Hovi floors since they have been PUR (polyurethane) treated at the factory.

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, machine 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 older and heavily soiled floors with brown pads. Rinse the floor carefully. Use a maintenance agent to damp-clean the cleaned floor and treat the dry surface with an SHS machine. When necessary, localised polishing can be carried out on areas with most traffic.

RESISTANCE TO CHEMICALS

Test period of 24 hours and 2 hours, after which the chemical was washed off.

Chemical	24 h	2 h
Lye 10 %	Weak effect	No effect
Soda 10 %	Weak effect	No effect
Hydrochloric acid 10 %	No effect	No effect
Citric acid 10 %	No effect	No effect
Light fuel oil	No effect	No effect
White spirit	Weak effect	No effect
Acetic acid 30 %	Weak effect	Weak effect

WARNING!

Floors may be slippery when wet or polished.
Flooring must not be disposed of by burning.

HOVI
QUARTZ



Hovi Uni 9006, 9017
Hovi Mosaic 9306

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