

UPOFLOOR®

XPRESSION – PVC FREE RESILIENT LUXURY PLANKS AND FLOORING TILES



UPOFLOOR XPRESSION

UNBEATABLE PERFORMANCE CHARACTERISTICS

- Free of PVC, Chlorine and Plasticizers
- Free of Phthalates, Halogens and Heavy Metals
- Superior chemical resistance
- Bacteria resistant and antistatic
- High performance stain resistance
- Low maintenance-no wax required
- Excellent durability
- Consists of over 38% of recycled material
- Extremely low VOC's
- Promotes clean and healthy indoor air

Looks matter, but so does the well-being of people and our environment. This has been our leading philosophy for more than two decades. Upofloor Xpression has been specially developed with people's health in mind. The range includes PVC and plasticizer free luxury planks and tiles developed and designed to please the eye, as well as benefit the environment. In fact, Upofloor has pioneered and launched the first environmentally friendly PVC and plasticizer free flooring more than a decade ago.

PVC FREE

Completely free from PVC and plasticizers, Upofloor Xpression is made from a material that is based on natural minerals and pure thermoplastic polymers. It is also free from phthalates, halogens, chlorines and heavy metals.

Phthalates were banned in children's toys in the United States since 2008, whilst several restrictions and bans for phthalates and PVC toys have been in place for several years in Europe.

With its clean composition, Upofloor Xpression promotes clean indoor air.

0%

**PVC AND
PLASTICIZERS**

Manufactured of PVC and plasticizer-free Enomer® material

VOC

**EXTREMELY LOW
EMISSIONS**

Contains only natural minerals and clean thermoplastic polymers



100 % of production waste is recycled back to the manufacturing process



Can be recycled for energy purposes

UNIQUE MATERIAL

Xpression floors are made from a unique material called 'Enomer®'. Enomer® is an innovative flooring material which has been developed by Upofloor for the Xpression range.

Enomer® is made from natural minerals and pure thermoplastic polymers. The material provides excellent performance characteristics, without compromising care for the environment or human beings.



DESIGN

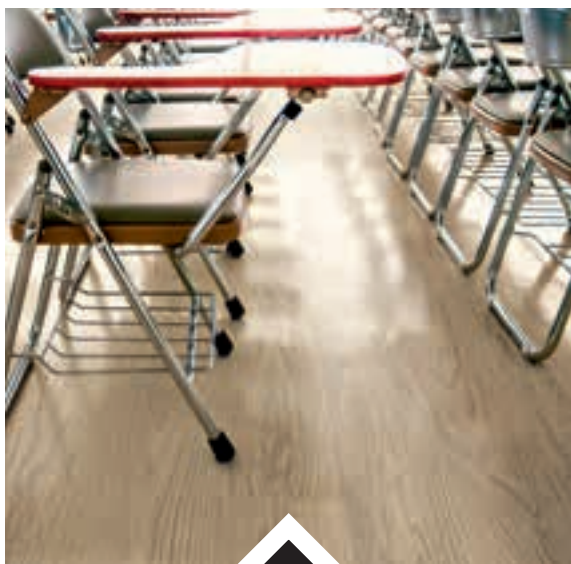
A combination of dark and light tiles?
Or perhaps warm classic planks?
Xpression offers many design options that contribute to creating a stylish and attractive environment.

The range includes calm, classic and rustic wood lookalike planks in a variety of colours ranging from a light to a dark tone. In this range, you will also find striking and calm tiles within the Terra, Moods and Stripes collections.

LIFECYCLE COST

When investing in new flooring, it is important to consider the total lifecycle cost – as the cost to maintain a floor over its life span can substantially exceed the purchase price. Lifecycle costs include initial cost, installation cost, operation and maintenance cost as well as replacement cost.

Thanks to its resistance to both scratching and contamination, Upofloor Xpression has a low lifecycle cost and is perfect for public spaces exposed to high traffic and other challenging conditions.



SUSTAINABLE

The environment has been considered in every stage of the Upofloor Xpression development and production process. The idea behind the product was to design an attractive flooring option with excellent performance without any harmful elements of PVC, plasticizers, phthalates, halogens, chlorines or heavy metals.

The manufacturing process has been designed in accordance with the EN 14001 standard. The wastage material is fully recycled during production and the product can be safely disposed of as normal energy-producing waste.

DURABLE

Upofloor Xpression is extremely durable and is wear, dent, scratch and chemical resistant due to its ionomer-impregnated wear layer.

The impregnation provides the floors with the same type of durable surface as golf balls, which gives the Xpression floors excellent resistance to indentation, wear and tear.



Can be burned and used for energy



Contains only natural minerals and clean thermoplastic polymers



100% of production waste is recycled back to the product



Manufactured from PVC and plasticizer-free Enomer® material

MAINTENANCE

Xpression is easily maintained by manual means or with the help of machinery. The compact and hard surface does not scratch easily and does not allow contamination to penetrate the dense wear surface.

Initial cleaning

First remove loose contamination. Wash the floor using an alkaline detergent solution and rinse. A scrubber, a combination machine or a floor care machine with red or corresponding pads or medium hard brushes can be used. Avoid excessive use of water. Wet cleaning methods should not be used during the first week after installation, to allow the adhesive time to cure.

No Waxing or polishing is required.

Periodic maintenance

Remove loose contamination. Use a moist-cleaning method or a combination machine with red or corresponding pads or medium hard brushes, and a mildly alkaline cleaning solution. SHS-machine with tensid or polymer based cleaning and care maintenance agent is also recommended periodically.

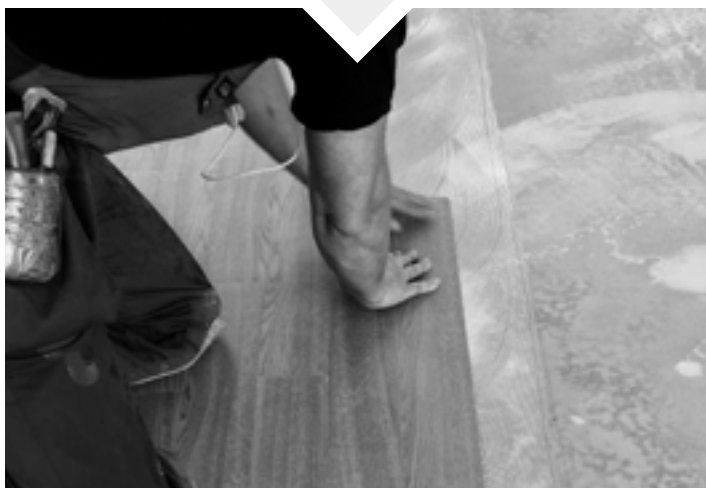


INSTALLATION

Upofloor Xpression floors are easy to install.

Xpression tiles or planks are installed with adhesives approved by Upofloor. The backing of the flooring has been roughened to maximize adhesion.

Information on installation and approved adhesives can be found on www.upofloor.com



SAFETY

Upofloor Xpression 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.

The material does not act as a substrate for bacterial growth.

The floors are antistatic.

RANGE

CLEAN WOOD

177.8 x 1219.2 mm



CHARCOAL 1515



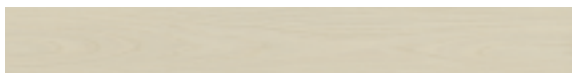
CHESTNUT 1514



HAZEL 1513



DUNE 1512



ALMOND 1511

RUSTIC WOOD

177.8 x 1219.2 mm



DARK GREY 1505



SMOKED 1504



NATURAL 1503



COOL GREY 1502



WARM GREY 1501

GRAPHIC WOOD

177.8 x 1219.2 mm



BLACK 1525



WHITE 1521

MOODS

500 x 500 mm



MARBLED 1556



FADED 1551

CLASSIC WOOD

101.6 x 914.4 mm



SCANDINAVIAN MAPLE 1121



CANADIAN MAPLE 1122



GOLDEN OAK 1142



AMERICAN CHERRY 1151



ROYAL QUINCE 1161



ANTIQUÉ CHERRY 1171



FRENCH WALNUT 1101



ROSEWOOD 1191



HONDURAN MAHOGANY 1181

STRIPES

500 x 500 mm



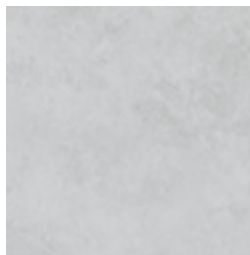
DARK 1535



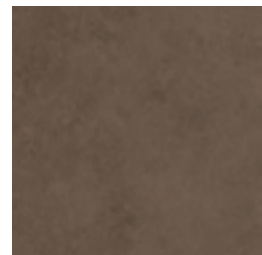
LIGHT 1531

TERRA

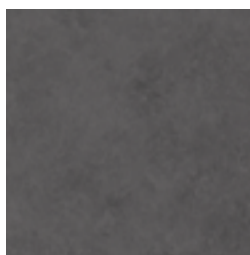
500 x 500 mm



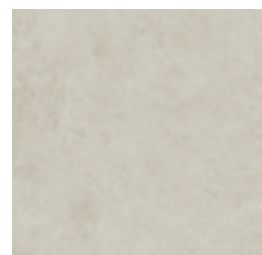
LIMESTONE 1541



EARTH 1544



SLATE 1545



SAND 1542



TECHNICAL DATA

Product	Xpression PVC Free Luxury Planks and Tiles	
Application	EN ISO 10874 23/34/43	
Product Standard	EN 14565	

Technical Specification

Thickness	EN ISO 24346	2.0 mm
Weight	EN ISO 23997	3400 g/m ²
Size Classic Wood	EN ISO 24342	101.6 x 914.4 mm
Delivery packing		2.78 m ² (30 pcs)
Size Clean, Rustic, Graphic wood	EN ISO 24342	177.8 x 1219.2 mm
Delivery packing		4.33 m ² (20 pcs)
Size Moods, Stripes, Terra	EN ISO 24342	500 x 500 mm
Delivery packing		5.0 m ² (20 pcs)

Product Properties

Test	Test method	Result
Fire Resistance	EN13501-1	C _{fl} - s1
Indoor Air Certifications		FloorScore, M1, Der Blaue Engel, Austrian Ecolabel
Residual Indentation	EN ISO 24343-1	< 0.05 mm
Dimensional Stability	EN 434 (6h 50 °C)	< 0.2 %
Abrasion Resistance	EN 660-2	Group T
Colour Fastness	EN ISO 105-B02	≥6
Slip Resistance	EN 13893 DIN 51130	DS (> 0,3) R9
Flexibility	EN ISO 24344 Method A	40 mm
Electrical Propensity	EN 1815	< 2 kV (antistatic)
Chemical Resistance	EN ISO 26987	Excellent
Underfloor Heating		Suitable (max +28 °C)
Bacterial Growth		Does not act as substrate for bacterial growth

APPLICATION AREAS

Suitable for public premises subject to heavy wear, including schools, shops, hospitals, cafés, offices, day-care centres and nursing homes.

CHEMICAL RESISTANT

Xpression features a compact ionomer impregnated wear surface which cannot be penetrated by contamination. It is therefore outstandingly resistant to chemicals, such as acids, alkalis and solvents, and it doesn't react with rubber..

CERTIFIED QUALITY



UPOFLOOR HAS REINVENTED RESILIENT FLOORING. SMARTER. GREENER. TOUGHER.



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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 PVC-free, environmentally friendly flooring that is durable and easy to maintain.

The first PVC-free flooring was launched in 2004. Since then, Upofloor has become a pioneer in PVC-free floorings, aiming to continuously expand our offering in design-driven, technologically advanced and sustainable flooring. Upofloor has also been a leading quartz tile manufacturer for over 60 years, providing uniquely designed flooring to many types of commercial installations.

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.

UPOFLOOR®

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