

Suitable for every demand

# Floor Coverings



# Rethinking Spaces

The Lindner Group's product and service portfolio is unique for interior fit-out, building technology, insulation and building envelopes. We are a technically strong, pragmatic and reliable partner with a solid economic basis for virtually all types of buildings.

In line with the motto "Rethinking Spaces", we develop customised yet flexible solutions and comprehensive concepts for building projects of all kinds with products from our own production – "Made by Lindner".

## **Add.Vantage in Quality and Sustainability**

With our products, we know exactly "what's inside", where the raw materials and materials come from, what they contain, how and who processes them. This is how we ensure the high Lindner quality standard at first hand, tested and confirmed by detailed environmental product declarations and product certifications in accordance with the Cradle to Cradle Certified® Product Standard.

## **Add.Vantage in Design and Function**

Thanks to our high level of vertical integration, we are able to customise products to your requirements, exactly as you wish – including suitable acoustic, fire protection and safety concepts as well as the highest sustainability criteria.

In addition to our craftsmanship, we draw on the knowledge and experience of more than 200 specialists in our Research & Development Department and our in-house test workshop.

## **Strong Products – Strong Team**

Another Add.Vantage: all Lindner interior fit-out elements are perfectly harmonised with each other. This not only simplifies assembly, but also use, maintenance and remodelling. In line with the Cradle to Cradle® Principle, our aim is to reuse and recycle products and materials for as long as possible while maintaining the same level of quality. Who better to install or remodel Lindner products than ourselves? That's why we rely on our own team power with over 2,000 of our own fitters.

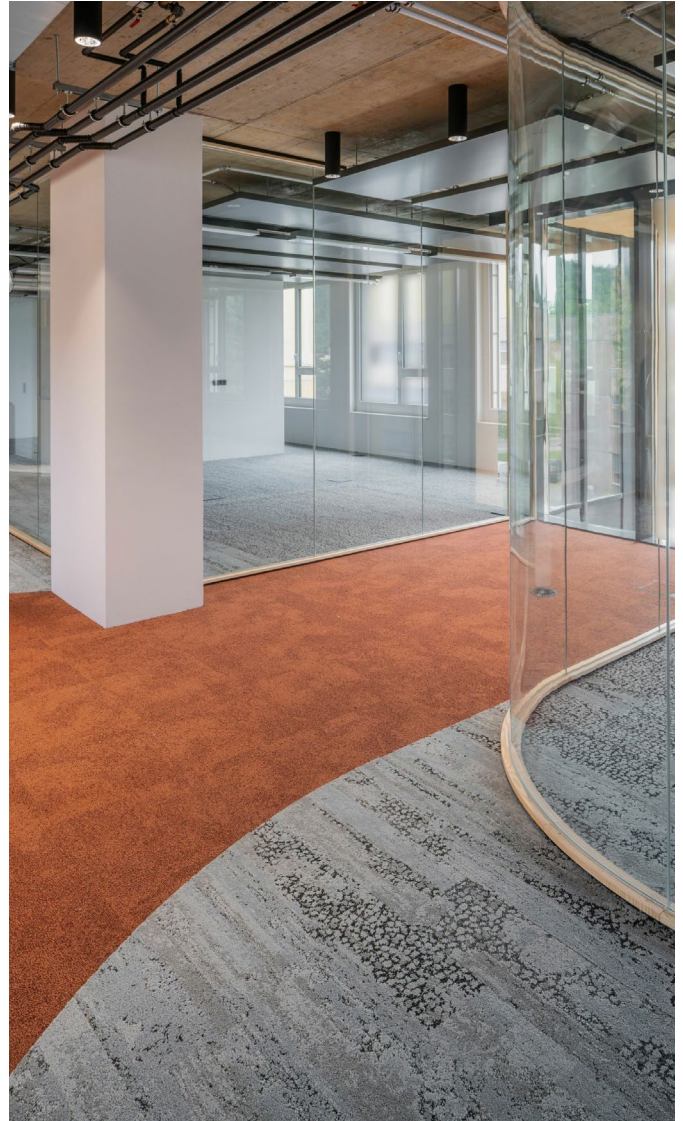
## **More than just a Construction Company**

Since our foundation in 1965, we have grown into an internationally successful construction company with a good 3,000 ongoing projects every day. Our headquarters are and will remain in Arnstorf in Lower Bavaria, where the majority of our production facilities are located.

Our mission "Building New Solutions" means developing innovative ideas for our construction projects, but also for the construction industry as a whole. In doing so, we take responsibility for a future worth living and drive forward the future topics of digitalisation and sustainability with new solutions.

However, our group of companies not only includes construction and property, but also catering, sustainable forestry and agriculture as well as social foundations. People are at the centre of everything we do. As a family business, we attach great importance to tradition and sustainability, but also to innovation and healthy growth.





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# Complete Solutions from a Single Source

### Perfect Combination for Generations

Floor systems have a long tradition at Lindner. As the international market leader, we offer an extensive range. Our product portfolio includes floor panels, e.g. made of chipboard, glass or aluminium, as well as steel ventilation panels. Our refurbished floor panels are particularly sustainable: we give used gypsum fibre and chipboard panels a second life.

To match this, Lindner also offers high-quality surface coverings in a wide range of variants. The majority of Lindner raised floors are supplied directly with a floor covering as the finish. Factory application using tested, emission-free adhesive systems ensures durability and the highest quality, while also reducing installation times on site.

In addition to standard coverings such as rubber, PVC, HPL or carpet, STONeline top coverings made of stone, LEATHERline top coverings made of leather fibre and the real wood parquet series WOODline from our own production are also available.

### Many years of product experience

In 1970, we began producing our own ceiling and partition systems in our first joinery in Arnstorf – the headquarters of the Lindner Group. In 1986, the portfolio was then expanded to include the production of raised floors. To this day, Arnstorf is the

Lindner Group's largest production site, almost all products from the Lindner range are manufactured here. In addition, the headquarter is home to numerous production-related competence centres, such as Purchasing, Logistics, Quality Assurance, Research & Development and, last but not least, the Craft Training Centre for all skilled trades.

At the Dettelbach site in Lower Franconia, gypsum fibre panels have been manufactured by more than 200 employees since 1993. Continuous development has made this one of the most modern production facilities for construction products in Europe. On 25,000 sqm, Lindner NORIT GmbH & Co. KG produces innovative and sustainable raised and hollow floors, fire protection and drywall panels, dry screed systems and underfloor heating for all areas of application. The gypsum fibre products consist of more than 99% recycled raw materials and are the world's first calcium sulphate panels to be FSC™ and Cradle to Cradle® certified. To support this, Lindner operates one of the most advanced recycling plants for gypsum fibre waste, with a closed production loop.

Since 2002, there has been a very successful collaboration between the Floors business division of Lindner SE and Tatanwood s.r.o. By 2018, more than 500,000 sqm of parquet flooring had been supplied to Lindner and factory-applied at the

production facilities for floor systems in Dettelbach and Arnstorf.

On 1st January 2019, Lindner acquired the parquet manufacturer in Hliník nad Hronom, Slovakia, thereby expanding its production spectrum to include its own solid wood top coverings.

The production sites for system floors of Lindner NORIT GmbH & Co. KG in Dettelbach and Lindner SE in Arnstorf, as well as parquet production in Hliník nad Hronom, are FSC™ certified.

### System Floor Production Sites

#### Arnstorf – Germany

Production of ceiling, floor and wall systems, lights, facades and clean rooms; production of high-quality carpentry work for interior fittings and ship outfitting

- 64,250 sqm production area
- 200,000 sqm company premises

#### Dettelbach – Germany

Production of gypsum and cement fibre panels and drywall products

- 25,000 sqm production area
- 90,000 sqm company premises

#### Hliník nad Hronom – Slovakia

Production of parquet top layers

- 1,200 sqm production area
- 8,900 sqm company premises



# Floor Coverings

## Premium Finishes for System Floors

A large proportion of our floor systems are supplied with a floor covering as the finish. Factory application using low-emission, tested adhesive systems ensures durability and the highest quality.

In general, all common floor coverings can be realised. In addition to standard coverings, we also offer our STONEline, LEATHERline, VENEERline and WOODline series. The latter opens up a wide variety of design options thanks to the large selection of top layers produced in-house.

Alongside our own products, we also feature floor coverings from other manufacturers that are ideally suited to our system floors.

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# WOODline

## Parquet Factory-applied on System Floors

The parquet covering consists of 4 mm solid wood top layers, which are factory-applied either to raised floor panels or dry hollow floor panels.

The uniform appearance, factory application and on-site surface treatment enable fast, cost-effective installation and the seamless combination of both floor systems.

- parquet lamella from our own production with highest quality
- FSC™ certification possible
- can be combined with our raised floors and our “Gallery Board” panel parquet
- combination possibility with our industrial-style planks
- real wood top layer
- further wood species and designs available on request



Das Zeichen für verantwortungsvolle Waldwirtschaft  
FSC™ C119815



Raised floor



Hollow floor

## Types of Wood

Lindner offers a wide range of different wood types. Discover, for example, the timeless elegance of durable oak with its warm tone and distinctive grain. Bamboo – a quickly regrowable raw material – is also one of our most popular flooring woods. On request, we offer smoked or steamed

surfaces. FSC™ certification is also possible. FSC™ stands for wood from responsible forest management. Its origin can be traced throughout the entire supply chain (chain of custody) and is verified through regular independent audits.

### Standard Types of Wood

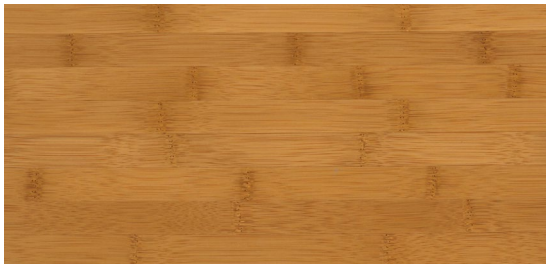
Oak



Smoked Oak



Steamed Bamboo



Bamboo (light) Ecrú



Ash Eco



additional wood types available on request

## Surfaces

Whether lacquered or oiled, we can realise any type of surface treatment you require. As standard, we supply our real wood parquet lamella with a hardwax oil finish. This coating is dirt-repellent and abrasion-resistant. The mandatory initial maintenance before commissioning is no longer necessary, and damp mopping is sufficient for cleaning.

Alternatively, we offer a lacquer finish with tested emission values well below the specified limit values.

	<b>oiled</b>	<b>lacquered</b>
<b>Build-up</b>	2-times hard wax oiled	6-layer, UV-curing lacquer
<b>Gloss Level</b>	mat	mat
<b>Slip Resistance Class</b>	R9	R9
<b>Resistance Class</b>	–	class 6
<b>Building Material Class (EN 13501)</b>	–	C <sub>fl</sub> -s1 (only NORTEC)
<b>Air Comfort Gold</b>	–	fulfilled

When factory-applied to hollow floor elements, the surface is supplied pre-sanded. Factory application completely eliminates the need for conventional installation of solid parquet. The final surface treatment is carried out on site on

the installed FLOOR and more® dry hollow floor system. This significantly reduces construction time and lowers overall costs.

Further information  
on WOODline can be  
found here:

















## Design Types

Whatever you are looking for, our parquet designs open up a broad range of design options: Do you prefer the reinvented classic that meets today's quality standards?

The tried-and-tested plank floor for sophisticated solutions – or the latest trend? You'll be sure to find what you're looking for with us.

### Design Types

<p>3-strip 9</p> 	<p>2-strip</p> 	<p>Large baton 4</p> 	<p>Large baton 6</p> 	<p>Large baton 8</p> 
<p>Large baton 9</p> 	<p>Mosaic 4</p> 	<p>Mosaic 9</p> 	<p>Mosaic 16</p> 	<p>Industrial 3 - 18</p> 
<p>Industrial 3 - 14</p> 	<p>Industrial 3 - 10</p> 	<p>Industrial 4 - 10</p> 	<p>Fineline</p> 	<p>Wide lamella</p> 
<p>Herringbone</p> 	<p>Cube 81</p> 	<p>additional designs available on request</p>		

# VENEERline

## Veneer Parquet on Raised Floors

The multi-layer wood covering combines real wood veneer with a high-density fibreboard (HDF) core. The high density of the HDF core gives the covering better indentation resistance than a solid wood top layer. Together with the hard wax oil finish, this creates a resistant and durable floor covering.

The use of veneer makes optimal use of each cubic metre of wood and therefore contributes significantly to conserving resources. From one cubic metre of wood, up to 500 sqm of veneer top layer can be produced – compared to only around 50 sqm with solid wood.

The design of the top layer is comparable to a large baton design, with the strip widths varying randomly. This gives the calm wood grading a lively character.

The support layer consists of a raised floor panel made of chipboard material (LIGNA) or calcium sulphate (NORTEC), reinforced on the underside with sheet steel. The edge trim is colour-matched to the wood species and runs up to the surface to protect the panel edge.

- panel joints with moisture protection
- real wood top layer
- resource-saving

Further information  
on VENEERline can  
be found here:



# VENEERline flex

## Veneer Parquet Covering with Magnetic Foil Backing

The multi-layer wood covering combines real wood veneer with an HDF core, ensuring high indentation resistance. Together with the hard wax oil finish, the covering is durable and resistant.

VENEERline flex uses a 1 mm magnetic foil as the backing layer. The covering is laid magnetically on sheet steel – without adhesion or mechanical connection. Thanks to its low thickness, it can be combined across the whole area with other elastic or textile floor coverings.

- 4.5 mm covering thickness
- can be combined with other floor coverings
- magnetic fixing
- easy, flexible fit-out options

Further information  
on VENEERline flex  
can be found here:



# Multi-layer Parquet

## Parquet Flooring for Combination with WOODline

Multi-layer parquet combines quality, design and sustainability in a high-quality system. The low wear layer thickness allows for refurbishment similar to solid parquet, ensuring long-term use. Our real wood top layers come from our own production and guarantee the highest quality. We use fast growing, sustainable raw materials to optimise

resource conservation. Thanks to a wide range of customer-oriented options, the multi-layer parquet can be combined with both conventional screed floors and raised floor systems. The possible use of FSC™-certified wood supports the responsible use of slow-growing wood species.

### Alpine Plank

3-layer 1-strip plank with tongue and groove system

The Alpine plank type, as a 3-layer bonded parquet, is defined by the character and natural features of oak. Its symmetrical construction ensures that no cupping occurs even under temporarily unfavourable climatic conditions. At the same time, the three-layer structure reduces the natural expansion and shrinkage of the wood to a minimum. Thanks to its slim parquet build-up, this element is ideal for a wide range of applications and combines stability with an authentic, warm appearance.



Further information on Alpine Plank can be found here:



### Chalet Plank

3-layer 1-strip plank in large format with tongue and groove system

The Chalet plank type is a high-quality bonded 3-layer parquet that, thanks to its impressive length and width, is particularly suited for premium and representative interior fit-out. The stable oak backing layer ensures excellent dimensional stability even with wide planks. The symmetrical construction – with a wear layer and a backing layer made from wood of equal quality – reliably prevents cupping even under temporarily unfavourable climatic conditions.

In addition, oak's higher density compared to common softwood substructures results in a particularly low thermal resistance, making it ideal for use on heated screeds.



Further information on Chalet Plank can be found here:



## 1-strip Plank flex

### 2-layer 1-strip plank with magnetic foil backing

The 1-strip plank flex, as a bonded 2-layer parquet, is characterised by the distinctive look and natural features of oak. It uses a top layer identical to classic multi-layer parquet with a 4 mm wear layer. The wood appearance can be selected either in a clean, knot-free grade or in a rustic, knotty grade. The middle layer made of spruce wood gives the construction high stability. A magnetic foil is used as the backing layer. The covering is laid magnetically on steel sheet – without adhesion or mechanical connection. With its low build-up height and solid wood top layer, this system is particularly suitable for interior areas with normal wear, such as offices, meeting rooms and hotel rooms.



Further information  
on 1-strip Plank flex  
can be found here:



## Residence Board

### 3-layer boarded parquet

We offer the Residence board in a wide variety of designs and formats. Customisation in terms of size and wood species is also possible. Formats ranging from 400 mm x 400 mm up to 1,000 mm x 1,000 mm can be manufactured. This panel parquet can also be combined with 1-strip planks.

The multi-layer build-up can be adjusted in build-up height to match the Chalet plank. In addition, the individual elements can optionally be bevelled, giving the laying pattern a clearer and more expressive appearance. The delicate pattern of a parquet panel is particularly highlighted by the subtle bevels.



Further information  
on Residence Board  
can be found here:



## Gallery Board

### 3-layer boarded parquet for the combination with WOODline

The Gallery board is used for full-surface bonding to conventional screed or dry screed systems and is installed using a loose tongue.

The design and format of the panel parquet elements – grooved on all sides - are based on our WOODline parquet factory-applied to raised floors. With the same appearance, screed areas can be seamlessly combined with raised floor areas.



Further information  
on Gallery Board  
can be found here:







### Richter Holding GmbH – New Construction, Wipperfürth, Germany

The office building of Richter Holding in Wipperfürth is a very special project: under the motto “Only time brings forth the icon”, the client opted for the Modern Classic design style and called for a high-quality complete fit-out that combines tradition and modernity.

For this project, Lindner General Planning was responsible for the interior architecture, the interior fit-out and the electrical building services engineering. The floors, ceilings and partitions trades were also part of the scope. The modern office building features many classic and traditional elements and is therefore perfectly tailored to the client’s requirements.

The Ceilings business division provided a smooth plasterboard ceiling with heating and cooling technology, which is also acoustically effective and therefore ensures maximum speech intelligibility. In addition, the FLOOR and more® comfort hollow floor system was installed in all office areas, offering maximum walking comfort and practical space for installations and services. To create a warm, cosy appearance, the floor system was complemented with Lindner parquet in an oak finish with long Chalet planks. F 30 fire doors complete the interior fit-out, combining safety with aesthetics.

# STONEline

## Natural Stone / Ceramic Factory-applied to Raised Floors

We process a wide range of stone types from many different countries and in a broad spectrum of colours. STONEline stands for natural stone and ceramic tiles factory-applied directly to our calcium sulphate panels.

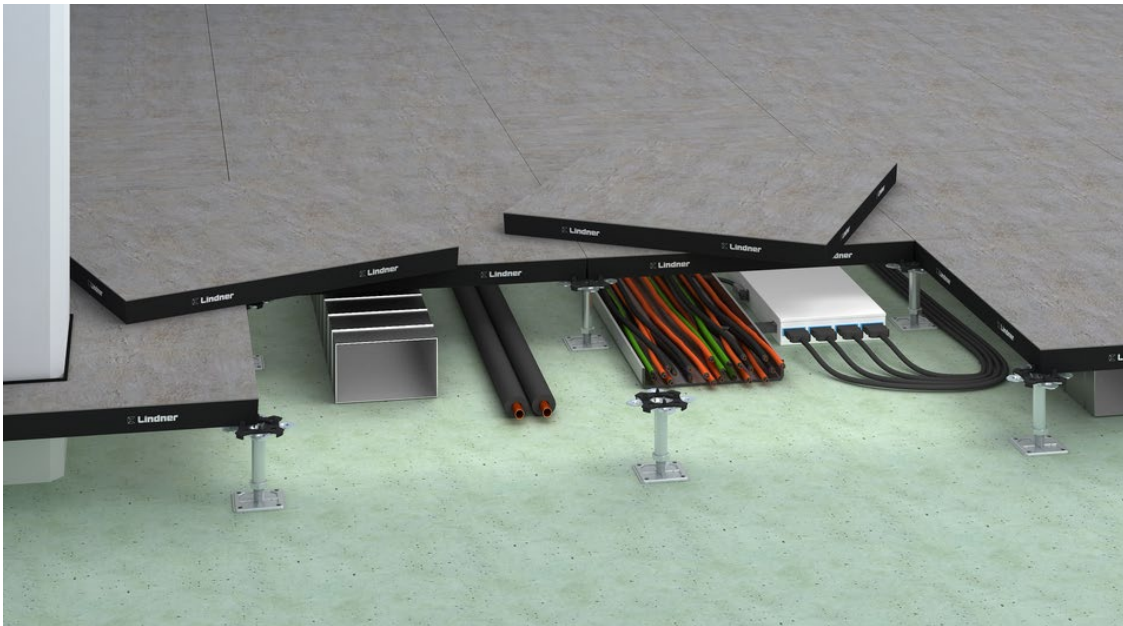
Depending on the room design and intended use, various stone types are available, matched to the respective load requirements: durable granite for intensive use, elegant and high-quality marble for representative areas, as well as a wide range of ceramic finishes with varied surface patterns for modern design trends.

### Raised access floor with STONEline

To prevent stone edges from chipping off when opening and closing the raised access floor, the colour-matched edge trim is run right up to the top of the panel. When processing stone with our NORTEC panels, the floor surfaces are produced with 100% fitting accuracy of the panel joints.

### Hollow floor with STONEline

When processing our FLOOR and more® panels with high-quality stone, we attach great importance to absolute precision. The precisely fitting panels ensure an even joint pattern, while the grout, which is matched to the selected flooring, creates an elegant and harmonious overall appearance.



Further information  
on STONEline  
can be found here:





## Professional Education Center, Schieder, Germany

With the Professional Education Center, the electrical engineering specialist Phoenix Contact built a centre for education and further training. Around 400 apprentices and dual students use this learning environment. In addition, the building hosts around 14,000 participants of further training each year.

The Lindner Group contributed to this new construction with hollow floor and raised floor systems. NORTEC raised floors were installed throughout the various usage areas. In the workshop area, a PVC floor covering and a particularly

heavy-duty substructure were implemented, while needlefelt was used as the covering in areas with high-traffic and offices. For especially representative areas such as the reception, natural stone and parquet were selected; the latter was installed using FLOOR and more® hollow floors. In the highly technical environment of this new construction, Lindner floor systems offer major functional benefits: service routes can be run within the floor cavity, and raised floors can be opened at any point, simplifying maintenance and restructuring.

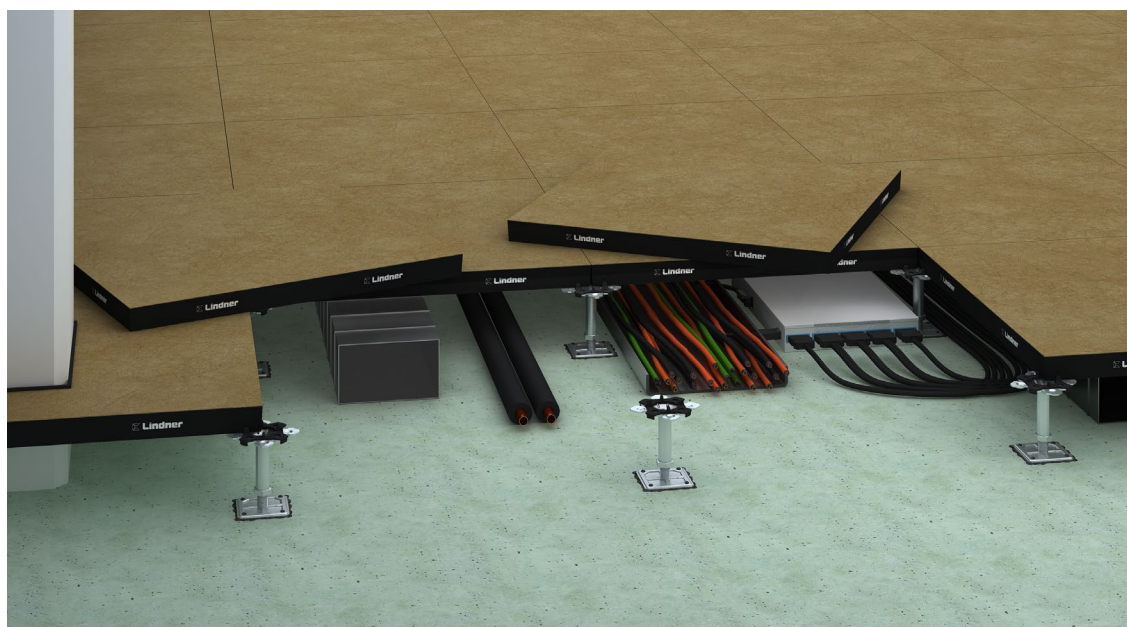
# LEATHERline

## Leather Fibre Material Factory-applied to Raised Floors

LEATHERline is factory-applied in tile format to raised floor panels made of chipboard (LIGNA) or calcium sulphate (NORTEC). The top layer of high-quality leather fibre material is available in various colours and embossings. The edge trim is colour-matched to the selected top-layer colour and runs up to the surface to protect the leather edge.

- pleasant feel thanks to the warm, soft surface
- lacquered surface
- despite being made from natural materials, very high and consistently reproducible homogeneity

The material consists of more than 90% genuine leather offcuts and carries the LEATHER STANDARD by OEKO-TEX® label. All required tests to ensure product suitability are available.



### Standard Colours

Coffee	Sand	Night	Rust



### Surface Embossings

**soft**  
smooth texture, very light embossing



**character**  
strong embossing



**nature**  
vibrant texture, fine grain pattern



Further information  
on LEATHERline  
can be found here:



# CERAMIN®

## Ceramic-like Composite Material for Application on Raised Floor

CERAMIN® is a PVC-free, plasticiser-free material used for high-performance floor and wall coverings. The factory-applied covering is suitable for use in virtually all areas (including wet areas) and is even designed for the highest levels of wear (e.g. clinics, day-care centres).

CERAMIN® is not only 100% recyclable; it is also already made predominantly from recycled material. It is certified with the German government's "Blue Angel" ecolabel and the "eco Institut" environmental seal.

Demand is steadily increasing for products that are sustainable and do not burden the environment or future generations. With CERAMIN® as a floor covering, however, there is no need to compromise on modern designs, high quality or optimal user-friendliness.

- manufactured in Germany: complete system consisting of covering, panel and substructure
- PVC-free, including packaging
- Cradle to Cradle Certified® Silver possible
- can be installed on raised and hollow floors as well as on screed floors
- very high scratch resistance (AC 6)



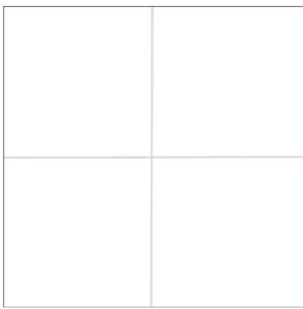
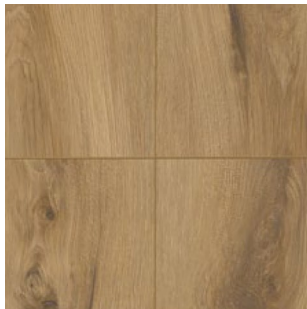











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Further information  
on CERAMIN®  
can be found here:



**Decor Options**

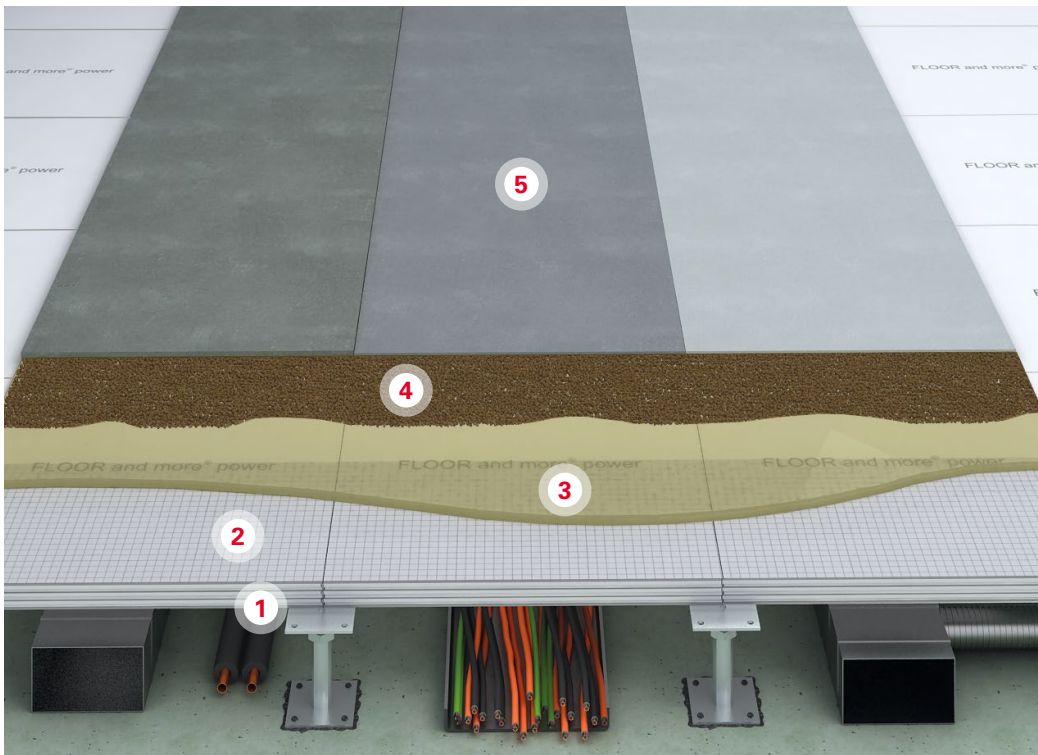
<p>Nature oak</p> 	<p>Grey oak</p> 	<p>Luna virgin white</p> 	<p>Rustic oak</p> 
<p>Negrar off black</p> 	<p>Pastrengo marmor beige</p> 	<p>Milone mid brown</p> 	<p>Adige classic grey</p> 
<p>Monticelli light beige</p> 	<p>Donna oryx white</p> 	<p>Barone antaric grey</p> 	<p>Lambrusco mouse grey</p> 
<p>Avola vesuvius anthracite</p> 			

# panDOMO®

## Cementitious Coatings

panDOMO® products are based on a high-quality levelling compound built on a cement-polymer base. This provides not only premium, elegant surfaces, but also resilient finishes with a wide range of design options.

- levelling compound on a cement-polymer base
- versatile floor design options
- reaction to fire depending on the specification
- slip resistance depending on the specification



- (1) HYDRO or FLOOR and more® power
- (2) panDOMO® FAM fibre-reinforced fibreglass mesh
- (3) panDOMO® EP solvent-free epoxy resin primer
- (4) panDOMO® HG hard grain sand
- (5) panDOMO® Loft, studio or floor

Further information  
on panDOMO®  
can be found here:



## All benefits at a glance

With FLOOR and more® and panDOMO®, two highly successful systems form a symbiosis – each of which has already achieved great success on its own.

This combination builds on system expertise rooted in tradition, proven performance and longevity. The products in the FLOOR and more® range can be combined without limitation with panDOMO® floor levelling compounds. This makes it possible to respond to any structural requirements and creates a wide variety of design options – whether in a modern new building or an industrial old building.

Together, the two systems form a long-lasting, durable composite with a modern, seamless and minimalist look – without limits. This system alliance enables the construction of a technically oriented hollow floor, combined with exceptional quality and walking comfort. There is no need to compromise on strength and load-bearing capacity, even under peak loads.

All products are based on mineral raw materials and are part of our commitment to sustainability. They are EC1-certified, guaranteeing low emissions, and contribute to environmental compatibility throughout their service life.



Further information  
can also be found on the  
website of panDOMO®:



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