

WOOD FLOORING

Specialised coating solutions for parquet





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SOLUTIONS FOR THE WOOD FLOORING INDUSTRY THAT PROTECT AND ENHANCE THE NATURAL BEAUTY OF TIMBER.

THERE ARE 4 LAYERS TO THE RIGHT COATING SOLUTION

At Teknos, we look at the challenge from your perspective and work closely with you to create the coating solution that best fits your needs. We believe this collaborative process gives you the greatest possible value and ensures your flooring products get the aesthetic look and level of durability you desire.

PRODUCTS

Get the paints and coatings that are best for your flooring substrates and application techniques. We have waterborne and UV coatings that can be used with traditional and contemporary designs, and there is a nearly limitless choice of colours available.

TECHNICAL SERVICE

Our expertise and experience is always at your disposal, whether it's for day-to-day operations or that special one-off project. Technical service can help with the scoping, testing and implementation of your coating solutions and help to ensure you are compliant with the latest legislation.

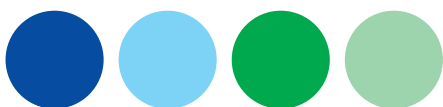
LOCAL PRESENCE

Teknos is there, where and when you need us. Our Technical competence centres are placed in Denmark, Germany and Sweden. We have sales and technical support in more than 20 countries. We have production facilities in eleven of these: Finland, Sweden, Denmark, Germany, Poland, Russia, Netherlands, China, Malaysia, Liechtenstein and USA.

COMMITMENT

We are committed to developing, manufacturing and delivering paint products and services in a responsible way that respects the environment and the communities we work within.

WOOD COATINGS





**WE MAKE
PARQUET
LAST LONGER**

SPECIALIST COATING SOLUTIONS FOR PARQUET FLOORING

Our coating systems for finished parquet production are designed to emphasize the naturalness of the wood material and to protect it effectively from everyday wear and tear. All our coatings have been created to provide a high quality finish with exceptional resistance and they meet a wide end use requirements and range of processes.

From our large lacquer portfolio, we offer a range of product solutions which are especially designed for the area of parquet refinement/finishing. Depending on your requirements, we are able to provide individual coating possibilities, which you can choose from the following options.

COST-EFFICIENT

The cost-efficient construction offers you an easy-to-use, cost-optimised paint set-up. This build-up provides you with the possibility of open-pore, high-quality finishing and its availability of two gloss levels.

STANDARD

The system build-up standard offers you individual options for parquet coatings. The optimised m² solutions of the standard construction contributes

to a high quality. With the standard build-up system, you can produce both open-pored and closed pored floors. Depending on the customer taste, various gloss levels are available.

PERFORMANCE

The design performance offers tailor-made solutions for high-quality parquet coatings. With this build-up not only open-pore or closed-pore surfaces, but also various effect, such as natural wood effect are also possible. You can choose from a variety of gloss grades from super matt to glossy.

PERFORMANCE LED

The LED curing varnish system from Teknos is distinguished by the highest chemical and mechanical resistance, low energy consumption during the curing process and low emission levels, and thus contributes significantly to the sustainability of a company.



OUR FINISHED PARQUET CONSTRUCTIONS OFFER OPTIMISED HIGH-PERFORMANCE PRODUCTS FOR INDUSTRIAL PROCESSING. THESE ARE USUALLY UV-CURING AND HYDRO UV PRODUCT SYSTEMS FOR ROLLER APPLICATION. OUR TECHNICAL SERVICE TEAM ARE HAPPY TO PROVIDE YOU WITH MORE INFORMATION AND ADVISE THE OPTIMAL SOLUTIONS FOR YOUR PRODUCTION PROCESS.



COST-EFFICIENT

- Good cost/performance ratio
- Easy and fast processing

STANDARD

- Optimised m² solutions for high quality standard
- Various gloss levels available
- Build-up available for open and closed pored floor looks

PERFORMANCE

- Wide range of product finishes available
- Best solution for high-quality parquet floors
- Elegant, premium appearance
- Available as full LED curing system

PRIMER



To ensure a good adhesion and good preparation for the further built up we recommend to use either our UV waterborne primer or our 100% UV curable primer. Also our solution for a very natural looking built up on parquet starts with a hydro UV primer.

Both options can be used and combined with all the coatings and give a good adhesion to the substrate and to the following layers of coats.

FILLER



Depending if you want to use a heavy filler or light filler we have different solutions which could be integrated into the whole built up.

If the surface of your floor should be a closed pored surface we recommend to use our light filler or heavy filler solution depending what kind of machine is integrated in your line and what results you are looking for.

SEALER



The sealer in this portfolio are optimized for the use for flooring. We have very flexible sealer to integrate into the built up to achieve high falling sand resistances but also functional sealer are integrated such if a high abrasion resistance is requested like for S42 or S33.

The sealer will be offered in different gloss levels for example in a glossy version and a matt version that if a super matt built up is requested we can prepare the floor so well, that no glossy spots in the pores will be visible.

TOP COATS



The different built ups have different top coats available. Of course depending on the demands we can offer different solutions from high performing to good protection over different gloss levels and functional layers like super matt or natural touch.

With the top coat we control the gloss, the haptic and the natural appearance of the floor.

BUILD-UP RECOMMENDATIONS

Cost-efficient

Hydro primer/100% UV build-up, open pores, coating systems for roller application

Product name	Application weight	Drying (semi cure)	Drying (full cure)	Viscosity	Package size
TEKNOLUX AQUA PRIMER 101 ¹ or UVILUX PRIMER 172 ²	15-20 g/m ²	Oven drying + 120 mj/cm ² HG (Kühnast)		25-33 Sekunden DIN6mm bei 20°C	30 kg/IBC
UVILUX SEALER 118	20-30 g/m ²	100 mj/cm ² HG (Kühnast)		2250-2500 mPas bei 25°C	30 kg/IBC
UVILUX SEALER 153	20-30 g/m ²	180 mj/cm ² HG (Kühnast)		48-58 Sekunden DIN8mm bei 20°C	30 kg/IBC
UVILUX 176-20	8-15 g/m ²	80 mj/cm ² HG (Kühnast)	350 mj/cm ² HG (Kühnast)	40-50 Sekunden DIN6mm bei 20°C	30 kg/IBC

¹ Option 1= Hydro primer build-up

² Option 2=100% UV build-up

Standard

Hydro primer/100% UV build-up, open pores, coating systems for roller application

Product name	Application weight	Drying (semi cure)	Drying (full cure)	Viscosity	Package size
TEKNOLUX AQUA PRIMER 101 ¹ or UVILUX PRIMER 172 ²	15-20 g/m ²	Oven drying + 120 mj/cm ² HG (Kühnast)		25-33 Sekunden DIN6mm bei 20°C	30 kg/IBC
UVILUX FILLER 135 ³ or UVILUX FILLER 107 ³	30-40 g/m ²	80 mj/cm ² HG (Kühnast)		14.000-17.000 mPas bei 25°C	30 kg/IBC
UVILUX SEALER 109	20-30 g/m ²	100 mj/cm ² HG (Kühnast)		60-70 Sekunden DIN8mm bei 20°C	30 kg/IBC
UVILUX SEALER 153	20-30 g/m ²	180 mj/cm ² HG (Kühnast)		48-58 Sekunden DIN8mm bei 20°C	30 kg/IBC
UVILUX 150-30	8-15 g/m ²	80 mj/cm ² HG (Kühnast)	350 mj/cm ² HG (Kühnast)	40-50 Sekunden DIN6mm bei 20°C	30 kg/IBC

¹ Option 1= Hydro primer build-up

² Option 2=100% UV build-up

³ Optional light or heavy filler for closed pores build-up

Performance

Hydro primer/100% UV build-up, open pores, coating systems for roller application⁶

Product name	Application weight	Drying (semi cure)	Drying (full cure)	Viscosity	Package size
TEKNOLUX AQUA PRIMER 101 ¹ or UVILUX PRIMER 172 ²	15-20 g/m ² 10-15 g/m ²	Oven drying + 120 mj/cm ² HG (Kühnast) 80 mj/cm ² HG (Kühnast)		25-33 Sekunden DIN6mm bei 20°C 60-70 Sekunden DIN8mm bei 20°C	30 kg/IBC 30 kg/IBC
UVILUX FILLER 133 ³ or UVILUX FILLER 107 ³	30-40 g/m ² 30-40 g/m ²	80 mj/cm ² HG (Kühnast) 100 mj/cm ² HG (Kühnast)		120-170dPas VT 02 25°C 14.000-16.000 mPas bei 25°C	30 kg/IBC 30 kg/IBC
UVILUX SEALER 172 ⁴ or UVILUX SEALER 111 ⁵	20-30 g/m ² 20-30 g/m ²	100 mj/cm ² HG (Kühnast) 100 mj/cm ² HG (Kühnast)		50-60 Sekunden DIN8mm bei 20°C 47-55 Sekunden DIN8mm bei 20°C	30 kg/IBC 30 kg/IBC
UVILUX SEALER 171 ⁴ or UVILUX SEALER 141 ⁵	20-30 g/m ² 20-30 g/m ²	160 mj/cm ² HG (Kühnast) 140 mj/cm ² HG (Kühnast)		62-68 Sekunden DIN8mm bei 20°C 95-100 Sekunden DIN8mm bei 20°C	30 kg/IBC 30 kg/IBC
UVILUX 172-50 ⁴ or UVILUX 172-10 ⁵	8-15 g/m ² 8-15 g/m ²	160 mj/cm ² HG (Kühnast) 160 mj/cm ² HG (Kühnast)	350 mj/cm ² HG (Kühnast) 350 mj/cm ² HG (Kühnast)	58-64 Sekunden DIN6mm bei 20°C 58-64 Sekunden DIN6mm bei 20°C	30 kg/IBC 30 kg/IBC

¹ Option 1= Hydro primer build-up

² Option 2=100% UV build-up

³ Optional light or heavy filler for closed pores build-up

⁴ Option 1= glossy build-up

⁵ Option 2= matt build-up

⁶ Different primer and top coat options for natural build-ups

MORE INFO HERE

Please contact your nearest Teknos representative for further information, visit our website at www.teknos.com or send us an e-mail via info@teknos.de.

PERFECT PARQUET CARE - PROTECT AND PROLONG PARQUET FLOORING

CLEANING

STEP 1

Clean the floor daily with a mop, a soft broom or with a vacuum cleaner.

STEP 2

Add the appropriate quantity of parquet cleaners to the mopping water. Please do not use excessive detergents or solvents for cleaning! The wiping water may only be applied with a damp cloth. Use always two buckets; one for the clean soap solution, the second for dirty water.

Do not use abrasive cleaners, steam cleaners or automatic cleaners. Damages (wooden chair legs, metal furniture, etc.) can cause craters or dull spots. Felt gliders or suitable plastic caps are recommended. Larger soiling of the floor should be avoided, since for example sand particles could cause scratch marks. Rubber rollers can create persistent stains on the wood by so-called plasticizer migration.

CARE

STEP 1

Clean the floor daily with a mop, a soft broom or with a vacuum cleaner.

STEP 2

Before any maintenance, clean as described before. Then, if available, apply parquet care with an absorbent, damp cloth bales or damp mop. After a drying time of about 30 minutes, the floor is ready! A further polishing is not required.



SPECIALISED COATING SOLUTIONS FOR OTHER FLOORING TYPES

LAMINATE FLOORING

Teknos offers sophisticated solutions for laminate floors produced by the PDL process (Printed Direct Laminates). The PDL process allows rapid decor changes and an economical construction directly on the HDF substrate, consisting of a combination of waterborne, colour-imparting layers in combination with 100% UV protective lacquer coatings. Through the use of anti-abrasive primer layers resistance classes can be achieved according to customer requirements. Our wide selection of different topcoats allows gloss grades, haptic structures as well as visual effects

V-GROOVE WB PROTECTION COATING

On the one hand, v-groove lacquers have the task to protect the chamfered edge of the coated substrate against the penetration of water (swelling) and against soiling. On the other hand, v-grooves are a design element to enhance the look of laminate flooring. In contrast to a jointless flooring, which produces a uniform, compact effect, a v-groove installation emphasises the unique character of each plank. The waterborne TEKNOGROOVE lacquer seals the joint pattern and protects it effectively against liquids as well as household cleaners. Due to its easy processing and fast drying properties, rapid processing is ensured. Available in gloss and matt, Teknos offers highly-covering and well-developed solutions for all types of application technology like transfer wheel or vacuum.

CORK

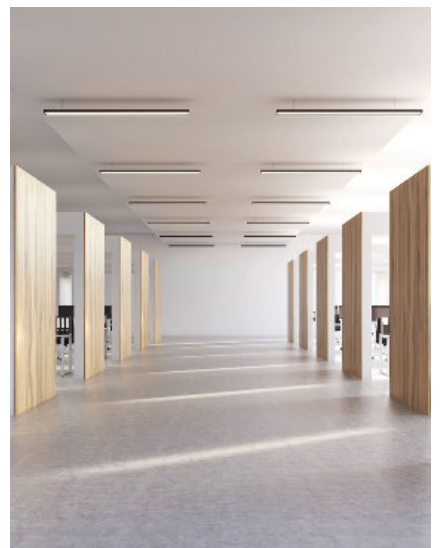
Different cork qualities demand special functions of a lacquer system. For example, soft substrates require an increased elasticity of the applied coating, while at the same time extreme scratch- and abrasion resistance. We offer product solutions for transparent coating of natural cork as well as overlapping superstructures, like digitally printed decorative surfaces.

LINOLEUM

Due to its elastic properties, Linoleum is mainly used in public areas, which demand highest possible levels of durability and high elasticity. Here, Teknos provides coating solutions like waterborne or UV-curing transparent protective coatings, which emphasise the ecological aspect and the naturalness of the substrate up to complete constructions for printed decor.

LVT

Constant new developments in the field of carrier materials such as different LVT variants require special product solutions. With our comprehensive product portfolio, Teknos is your innovative development partner to realise your projects. We create complete assemblies, which meet special requirements of an elastic carrier like vinyl.



WE MAKE THE WORLD LAST LONGER

Teknos is a global coatings company with operations in more than 20 countries in Europe, Asia, and the USA. The company employs approximately 1,800 people, and the net sales for 2017 was EUR 384 million. Teknos is one of the leading suppliers of industrial coatings with a strong position in retail and architectural coatings.

Teknos wants to make the world last longer by providing smart, technically advanced paint and coating solutions to protect and prolong. Teknos always works in close cooperation with its customers. Teknos was established in 1948 and is one of Finland's largest family-owned businesses. For further information, visit www.teknos.com.

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