

WOOD FLOORING

Specialised coating solutions for parquet



SPECIALISED 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.

Supermatt or high gloss floors, with or without open pores, vintage or modern designs, whatever your needs, we have a finishing solution for you. With oil-based, UV and waterbased products we supply finishing solutions for all your flooring requirements. Depending on your requirements, we able to provide individual coating possibilities, which suit to your production process.

Performance

Resistance to abrasion against sandpaper and falling sand method. The desired performance of class ratings can be achieved through the selection of our Teknos product portfolio, build-up system and application.

Simple & Easy Application

For industrial roller application with the flexibility to coat on almost all common wood flooring substrates even the most challenging substrate that needs a high amount of repair such as knots, cracks or joints (in combination with suitable putty).

Sustainability

Coating systems with no or low VOC characteristics and no heavy metal content. Healthy living is now manageable with the combination of natural appearance, durable protection and easy maintenance with Teknos sustainable solutions and services.

RESIDENTIAL FLOORS

PERFORMANCE

The optimised m² solutions of the standard build-up system that offers both aesthetics and standard performance. With option of open or closed pores at various degree of gloss levels, depending on the requirements.

PREMIUM

High-quality tailor-made solutions with not only open or closed pores surfaces, but various effect - natural wood appearance, vintage or modern design, gloss grades from super matt to glossy and higher performance standards.

BUILD-UP RECOMMENDATION

For industrial roller application on engineered oak flooring.

TRANSLUCENT	
Teknolux Aqua Primer 239 / 240	≥ 8g/m ²
Uvilux Filler 237	≥ 25g/m ²
Uvilux Sealer 244 / 248	≥ 15g/m ²
Uvilux Duro Sealer 240	≥ 25g/m ²
Uvilux Sealer 244 / 248	≥ 15g/m ²
Uvilux 240 / 252	≥ 12g/m ²

Abrasion Resistance
EN 438-2.6 (S33) : IP ≥ 1,000

Scratch Resistance
EN 438-2.25 : ≥ Rating 2

Impact resistance
EN 438-2.20 : ≥ 1N

Stain resistance
EN 438-2.26 : 5

Cross cut/hatch & removal
EN ISO 2409 : Grade 0

* The exact application weights vary depending on the mechanical conditions. The build-up systems can be customised to meet your specific requirements.

Disclaimer: Performance results may vary depending on exact build-up system, application process and quality of substrate (surface properties).



COMMERCIAL FLOORS

LOW TRAFFIC

Offers the greatest possible value and ensures the wood flooring get the aesthetic look and durability. Ideal for both commercial and residential applications with low-traffic areas like basements, small offices or in lower-priced apartments.

HIGH TRAFFIC

Giving distinct properties and functionalities to maintain the wooden floor original beauty and be impervious to the abuses of high-traffic wear and tear. Suitable for high-traffic businesses such as hotels, restaurants, retail spaces, corporate offices, and public or community facilities.

BUILD-UP RECOMMENDATION

For industrial roller application on engineered oak flooring.

TRANSLUCENT	
Teknolux Aqua Primer 239 / 240	≥ 8g/m ²
Uvilux Filler 237 / Uvilux Putty 247	≥ 30g/m ²
Uvilux Sealer 244	≥ 18g/m ²
Uvilux Duro Sealer 260	≥ 50g/m ²
Uvilux 244	≥ 18g/m ²
Uvilux 240 / 252	≥ 12g/m ²

* The exact application weights vary depending on the mechanical conditions. The build-up systems can be customised to meet your specific requirements.

Disclaimer: Performance results may vary depending on exact build-up system, application process and quality of substrate (surface properties).

Abrasion Resistance
EN 438-2.11 (S42) : IP ≥ 1,000

Scratch Resistance
EN 438-2.25 : ≥ Rating 2

Impact resistance
EN 438-2.20 : ≥ 2N

Stain resistance
EN 438-2.26 : 5

Cross cut/hatch & removal
EN ISO 2409 : Grade 0

Hamberger Plan
TC 01 : ≥ 20N



COLOUR OPTIONS

Teknos offers various colourant systems consist of Hydro color, Hydro UV color and UV color that allows flexibility in creating colors and effects for achieving the perfect floor colour to complement the interior. We offer ready mixed colors make from our production site in Malaysia or pigment package for your inhouse tinting.

All Teknos coating systems can be customised to meet your requirements. Please contact our Teknos Sales Representative for more information.

YOUR BENEFITS AT A GLANCE

- INDIVIDUAL COLORS AND EFFECTS ADD VALUE TO YOUR FLOORING
- EASY TO APPLY BY BRUSH OR ROLLER COATER
- COLORMATCHING SERVICE
- HIGH PERFORMANCE PIGMENTS FOR COLOR STABILITY AND REPRODUCIBILITY

PRODUCTS OVERVIEW & APPLICATION GUIDE

Product Name	Function	Colour	Function & Features (Quality Characteristics)	Gloss Level %	Tinting
TEKNOLUX AQUA PRIMER 239	Barrier coat or insulator	Clear	<ul style="list-style-type: none"> Excellent adhesion and barrier effect avoiding penetration of reactive diluents from UV sealer. Highly recommended for "oily" wood suc as teak or IPE. Lower in viscosity and suitable for sponge roller & suitable for higher pigment concentration. 	n.a.	Factory tinted
TEKNOLUX AQUA PRIMER 240	Barrier coat or insulator	Clear	<ul style="list-style-type: none"> Excellent adhesion and barrier effect avoiding penetration of reactive diluents from UV sealer. Highly recommended for "oily" wood suc as teak or IPE. Higher in viscosity and suitable for soft roller. 	n.a.	Factory tinted
UVILUX PUTTY 247	Filling	Transparent	<ul style="list-style-type: none"> High reactivity and sandable. Excellent filling performance and strongly recommended for closed pores system. 	n.a.	n.a.
UVILUX PUTTY 1465-10/20	Filling	10 - Clear 20 - Pigmented	<ul style="list-style-type: none"> 100% UV-curing putty with 0% VOC. One-component, no limited pot-life. Deep-curing up to 12mm* with line speed up to 100 m/min. 	n.a.	n.a.
UVILUX FILLER 237	Filling	Clear	<ul style="list-style-type: none"> Good filling property and sandable. 	n.a.	n.a.
UVILUX DURO SEALER 240	Sealing	Clear	<ul style="list-style-type: none"> Good hardness and abrasion resistance. Designed for residential applications. 	n.a.	n.a.
UVILUX DURO SEALER 260	Sealing	Clear	<ul style="list-style-type: none"> Excellent hardness and abrasion resistance. Designed for commercial applications. 	n.a.	n.a.
UVILUX SEALER 212	Sealing	Clear	<ul style="list-style-type: none"> High transparency, toughness that passed high pencil hardness. 	n.a.	n.a.
UVILUX SEALER 239	Sealing	Clear	<ul style="list-style-type: none"> Alox-f ree formulation with good sealing property and hardness. 	n.a.	n.a.
UVILUX SEALER 244	Sealing	Clear	<ul style="list-style-type: none"> Good sealing property and sandable. 	n.a.	n.a.
UVILUX SEALER 248	Sealing	Clear	<ul style="list-style-type: none"> Cost effective with good sealing property and extra sandability. 	n.a.	n.a.
UVILUX SEALER 251	Sealing	Clear	<ul style="list-style-type: none"> Good sealing property with matt surface finishing. 	n.a.	n.a.
UVILUX OIL 297-05	Final coat	Clear	<ul style="list-style-type: none"> Aesthetic finished that preserve the natural beauty and warm look of the timber floors. 	5%	n.a.
UVILUX OIL 297-10	Final coat	Clear	<ul style="list-style-type: none"> Aesthetic finished that preserve the natural beauty and warm look of the timber floors. 	10%	n.a.
UVILUX 212-05	Final coat	Clear	<ul style="list-style-type: none"> UV supermatt topcoat. 	< 10%	n.a.
UVILUX 213-50	Final coat	Clear	<ul style="list-style-type: none"> High reactivity, flexible as elastic but tough topcoat. 	10%	n.a.
UVILUX 240-10	Final coat	Clear	<ul style="list-style-type: none"> HPC anti-scratch topcoat 	10%	n.a.
UVILUX 244-10	Final coat	Clear	<ul style="list-style-type: none"> High reactivity topcoat. Block resistance with no changes in appearance when stacked face to face. 	10%	n.a.
UVILUX 252-10	Final coat	Clear	<ul style="list-style-type: none"> High reactivity and high performance coating (HPC) anti-scratch topcoat. 	10%	n.a.

N.B. This product information does not replace the Technical Datasheets (TDS). Please read the current TDS before using the products.

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. We offer a wide range of paints and coatings for the manufacturing industry, building professionals and consumers.

We strive, in every possible way, to help our customers find the ideal solution for their particular purposes. Utilizing thorough research as well as feedback from various market areas, we continuously develop our product range to ensure the best possible customer satisfaction. Combined with our wide knowledge and history of providing industry-leading quality for decades, we are confident in our product range's ability to solve any coating challenge, in any specific situation.

We have a strong focus on environmental issues to ensure we meet, and even exceed, the diverse needs of today. 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.my.