

KITCHEN CABINETS

Product overview
for industrial wood coatings



SOLUTIONS FOR KITCHEN CABINETS

Timelessly chic and endlessly adaptable, light colours and natural wood kitchen cabinets can now be seen in many modern and contemporary homes. Their simplicity embraces the minimalism trend, creating a fresh, clean look and style as well as giving an airier feel to a room, which make them so popular.

Teknos exclusive formulated paints and coatings are designed to make kitchen cabinets last longer:

- Our waterborne (WB), UV curable and Hydro UV (also known as WBUV) range of products are developed with no harmful solvents such as toluene, xylene, acetone and ethyl acetate, making it a better choice for health and environment.
- Helps to eliminate monomer bleeding in the process of manufacturing of wood furniture and kitchen cabinets.
- Provides excellent levelling while exhibiting good toughness and yellowing resistance. This less-yellowing topcoat is offered in different gloss range to fulfil market requirements.
- Realising the benefits of a UV curable coating system means increase in speed of curing, waste reduction, emissions, lower, energy costs and huge space savings.



DESIGN AND FUNCTIONALITY:

- OPAQUE/CLEAR COLOUR
- LOW/MEDIUM/HIGH GLOSS
- FIRE RETARDANT / UV RESISTANCE



HIGH QUALITY:

- MECHANICAL RESISTANCE
- CHEMICAL RESISTANCE
- SCRATCH RESISTANCE



VARIETY OF APPLICATION:

- SPRAYING
- ROLLER COATER
- VACUUM COATER



APPEARANCE:

DIFFERENT TYPES OF FINISHES:
DIRECT/DIGITAL PRINTING, DIGITAL EMBOSING



VARIOUS SUBSTRATES:

- SOLID HARD/SOFT WOOD
- MDF, HDF, HMR, ETC.



WE CARE:

HUMAN, SAFETY & ENVIRONMENT:

- REDUCE ENERGY CONSUMPTION
- REDUCE FIRE & EXPLOSION HAZARD
- NO HARMFUL SOLVENTS



A versatile timeless design with colour selection and well-finished surfaces to craft a space that truly tells their story— and the kitchen is no exception. Kitchens are often one of the most used rooms in a home and Teknos believes selecting the right materials and finishes can make them easy to maintain with additional protection, such as against stains or scratches. Teknos offers wide selection of finishing that designed to create the dream kitchen that is inspiring, gorgeous, and long lasting.

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BUILD-UP RECOMMENDATION

Applications on fiberboard, particleboard, veneer and/or solid softwood.

Category	Substrate	Product & System	
Application by Industrial Roller			
UV Pigmented White Gloss: 25-35%	MDF	UV Filler 611-993-0570	30-35g/m ²
		UV Sealer White 661-993-0840	23-30g/m ²
		UV Sealer White 661-993-0840	23-30g/m ²
		UV Topcoat 651-993-0890	10-12g/m ²
Application by Spray (+ Roller)			
UV Pigmented White Gloss: *25-35% or *90-95%	MDF	UV Filler 611-993-0570 (roller)	30-35g/m ²
		UV Spray Primer 674-994-0700*	80-100g/m ²
		UV Spray Primer 674-994-0700*	80-100g/m ²
		UV Spray Topcoat 654-994-0773 ^{1*} /	60-80g/m ²
		UV Spray Topcoat 654-994-0789 ^{2*}	60-80g/m ²
UV Clear Gloss: 25-35%	Softwood	UV Filler 611-993-0820 (roller)	30-35g/m ²
		Uvilux Sealer 248 661-248-0000	20-25g/m ²
		Uvilux Sealer 248 661-248-0000	20-25g/m ²
		UV Spray Topcoat 654-994-0793*	60-80g/m ²
Hydro UV Pigmented White Gloss: 8-15%	MDF	WB Spray Primer 274-209-1003*	125-150g/m ²
		WB Spray Primer 274-209-1003*	125-150g/m ²
		WBUV Spray Topcoat 454-993-0611*	80-100g/m ²

* Dilution is required.

Disclaimer:

The exact application weights vary depending on the mechanical conditions. The build-up systems can be customised to meet your specific requirements. Performance results may vary depending on exact build-up system, application process and quality of substrate (surface properties).

UV pigmented white by roller & spray applications:

Adhesion cross hatch removal ASTM D3359B : ≥ 4B
Chemical Resistance DIN 68861 Part 1B : ≥ 4
Cold Cycle ASTM 1211 : Pass
Pencil Hardness - Gardco ISO 15184 : > 3H

UV clear by spray application:

Adhesion cross hatch removal ASTM D3359B : ≥ 4B
Chemical Resistance DIN 68861 Part 1B : 5
Cold Cycle ASTM 1211 : Pass
Pencil Hardness - Gardco ISO 15184 : H-2H

Hydro UV pigmented white by spray application:

Adhesion cross hatch removal ASTM D3359B : ≥ 4B
Chemical Resistance DIN 68861 Part 1B : ≥ 3
Cold Cycle ASTM 1211 : Pass
Pencil Hardness - Gardco ISO 15184 : H-2H



COLOUR OPTIONS

Teknos offers various colourant systems consisting of WB colour, Hydro UV colour and UV colour that allow flexibility in creating colours and effects for achieving the perfect shades to complement the interior. We offer ready mixed colours made from our production site in Malaysia, as well as pigment package for your inhouse tinting.

As Teknos customer, you will be baffled by the endless possibilities:

- Individual colours and effects add value to your interior
- Easy to apply by spray or roller coater
- Colour matching service
- High performance pigments for colour stability and reproducibility

All Teknos coating systems can be customised to meet your unique requirements, specifications and production processes.

You can count on Teknos as a sustainable coating solution partner to get sound advice. Teknos is always ready to support you in designing your optimal coatings solution and application system.

CUSTOMER BENEFITS:

- OVER 70 YEARS EXPERIENCE IN COATINGS INDUSTRY.
- EXTENSIVE KNOW-HOW.
- TECHNICAL SUPPORT TRAININGS.
- GLOBAL NETWORK WITH LOCAL SERVICES AND RELIABLE SUPPLY.
- ALLROUND PRODUCT PORTFOLIO WITH CONSISTENT PRODUCTS QUALITY.

PRODUCTS OVERVIEW & APPLICATION GUIDE

Product Name	Product Code	Colour	Gloss Level %	Tinting	Function & Features (Quality Characteristics)	Type of application			Substrates		
						Vacuum	Spray	Roller	MDF/HDF	Veneer	Solid Wood
WB Spray Primer	274-209-1003	White	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> ▪ Flexible primer with excellent hiding power, sealing porosity. ▪ Good adhesion to several substrates. 		■		■	■	■
UV Filler	611-993-0570	White	n.a.	n.a.	<ul style="list-style-type: none"> ▪ High opacity and sandable. ▪ Excellent adhesion, sealing and leveling properties. 			■	■	■	
UV Filler	611-993-0820	Clear	n.a.	n.a.	<ul style="list-style-type: none"> ▪ High viscosity. Specially designed for high porous substrate. ▪ Non bleeding with excellent sealing and filling properties. 			■	■	■	
Uvilux Sealer 248	661-248-0000	Clear	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> ▪ Good sealing function providing a high film build. ▪ Excellent sandability. 			■	■	■	■
UV Sealer White	661-993-0840	White	n.a.	n.a.	<ul style="list-style-type: none"> ▪ Exceptional hiding power with good yellowing resistance. ▪ Excellent adhesion, sealing and leveling properties. 			■	■	■	■
UV Spray Primer	674-994-0700	White	n.a.	n.a.	<ul style="list-style-type: none"> ▪ Excellent hiding power, good leveling and sealing properties while leaving an ideal base for subsequent layers. 		■		■	■	■
UV Topcoat	651-993-0890	White	30%*	n.a.	<ul style="list-style-type: none"> ▪ Satin (gloss 30±5%) with excellent hiding power. ▪ Excellent hardness, adhesion and chemical resistance. 			■	■	■	■
UV Spray Topcoat	654-994-0773	White	30%*	n.a.	<ul style="list-style-type: none"> ▪ Satin (gloss 30±5%) with excellent hardness and adhesion. ▪ Excellent hiding power and chemical resistance. 		■		■	■	■
UV Spray Topcoat	654-994-0789	White	90%*	n.a.	<ul style="list-style-type: none"> ▪ High gloss 90±5%, leaving a high clarity final finish. ▪ Excellent hardness, adhesion, hiding power and chemical resistance. 		■		■	■	■
UV Spray Topcoat	654-994-0793	Clear	30%*	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> ▪ Satin (gloss 30±5%) with excellent hiding power. ▪ Excellent hardness, adhesion and chemical resistance. 		■		■	■	■
WB UV Spray Topcoat White	454-993-0611	White	<15%*	n.a.	<ul style="list-style-type: none"> ▪ Matt finish (gloss:<15%) with excellent hiding power. ▪ Excellent hardness, adhesion and chemical resistance. 		■		■	■	■

* Gloss level may vary on different substrates and coating system. For other gloss requirements, please contact Teknos Malaysia sales representative for more information. 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. Utilising 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.