

INTERIOR KITCHENS & DOORS

for industrial wood
coatings



SOLUTIONS FOR INTERIOR KITCHENS & DOORS

Timelessly chic and endlessly adaptable, light colours and natural wood doors and 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 doors and 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, doors, flooring 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.

SOLUTIONS FOR KITCHEN CABINETS

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%	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*	60-80g/m ²
		UV Spray Topcoat 654-994-0789*	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
		WB UV Spray Topcoat 454-993-0611*	80-100g/m ²

* Dilution is required.

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



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).

Teknos has good finishing solutions for interior doors and mouldings that can suit unique requirements, specifications and production processes to help door manufacturers to have uncontested performance and cost-efficiency at all times:

- Primary coating system that forms an essential foundation to final lacquering satisfies all technical and physical requirements of the door industry - an optimised system with an attractive cost-performance ratio, or
- A more robust coating system that offers endurance qualities and, thereby, complies with all specifications or additional performance to meet stringent requirements in the production and lacquering process.

SOLUTIONS FOR PANEL DOORS

BUILD-UP RECOMMENDATION

For industrial roller and spray applications on HMR, MDF and veneer.

Category	Substrate	Product & System	
Waterborne (WB) & Hybrid Systems by Industrial Roller Application			
Cost-Efficient White Primed	MDF	WB Filler 211-205-XXXX	30g/m ²
		WB Filler 211-205-XXXX	30g/m ²
		WB Basecoat 231-201-XXXX	15g/m ²
		WB Basecoat 231-201-XXXX	15g/m ²
Standard White Primed	MDF	WB Filler 211-207-XXXX	30g/m ²
		WB Filler 211-207-XXXX	30g/m ²
		WB Basecoat 231-201-XXXX	15g/m ²
		WB Basecoat 231-201-XXXX	15g/m ²
		WB Basecoat 231-201-XXXX	15g/m ²
		UV Sandable Sealer 661-209-XXXX	15g/m ²
Premium White Primed (Hybrid)	MDF	WB Filler 211-205-XXXX	30g/m ²
		WB Filler 211-205-XXXX	30g/m ²
		UV Sandable Sealer 661-209-XXXX	25g/m ²
		WB Basecoat 231-209-XXXX	15g/m ²
	HMR	WB Basecoat 231-209-XXXX	15g/m ²
		WB Basecoat 231-209-XXXX	15g/m ²
		WB Basecoat 231-994-XXXX	15g/m ²
		WB Basecoat 231-994-XXXX	15g/m ²
Embossed	MDF	WB Primer 271-209-XXXX	30g/m ²
		WB Primer 271-209-XXXX	30g/m ²
		Embossing Process	
		WB Basecoat 231-XXX-XXXX	15g/m ²
		WB Basecoat 231-XXX-XXXX	15g/m ²
		WB Basecoat 231-XXX-XXXX	15g/m ²
		WB Printing Ink 241-20X-XXXX	3g/m ²
		UV Topcoat 651-993-XXXX	10g/m ²
Direct Printing	MDF	WB Filler 211-207-XXXX	70g/m ²
		WB Basecoat 231-XXX-XXXX	15g/m ²
		WB Basecoat 231-XXX-XXXX	15g/m ²
		WB Basecoat 231-XXX-XXXX	15g/m ²
		WB Printing Ink 241-20X-XXXX	3g/m ²
		UV Topcoat 651-993-0760	10g/m ²
Full UV System by Industrial Roller Application			
Standard UV Primed	Veneer	WB Stain Base 284-209-XXXX(Optional)	30g/m ²
		UV Filler 611-993-XXXX	35g/m ²
		UV Sealer 661-209-XXXX	25g/m ²
		UV Sealer 661-209-XXXX	20g/m ²



Adhesion cross hatch removal
ASTM D3359 : Pass

Tear Resistance
DIN 53151 : Pass

Stacking
1.5 tons 24 hours : Pass

Water Rub
NAP 20-526 3.2 : Pass

Adhesion cross hatch removal
EN ISO 2409 : Grade 0 - 1

Stain Resistance
DIN 68861 Part 1B : Pass 5

Scratch Resistance
EN 438-2.25 : ≥ Rating 2

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SOLUTIONS FOR PANEL DOORS

BUILD-UP RECOMMENDATION

For industrial roller and spray applications on HMR, MDF and veneer.

Category	Substrate	Product & System	
Full UV System by Industrial Roller Application			
Premium UV Primed	Veneer	WB Stain Base 284-209-XXXX	30g/m ²
		UV Sealer 661-289-XXXX	15g/m ²
		UV Filler 611-237-XXXX	20g/m ²
		UV Filler 611-237-XXXX	20g/m ²
		UV Sealer 661-293-XXXX	15g/m ²
		UV Sealer 661-289-XXXX	7g/m ²
		UV Sealer 661-289-XXXX	7g/m ²
		UV Topcoat 651-209-XXXX	5g/m ²



SOLUTIONS FOR TEXTURE DOORS

BUILD-UP RECOMMENDATION

For spray applications on MDF.

Category	Substrate	Product & System	
Waterborne (W/B) Systems by Spray Application			
Cost-Efficient White Primed	MDF	WB Spray Primer 274-994-XXXX	150g/m ²
Standard White Primed	MDF	WB Spray Primer 274-209-XXXX	100g/m ²
		WB Spray Primer 274-209-XXXX	100g/m ²

SOLUTIONS FOR DOOR JAMBS / PROFILES / MOULDINGS

BUILD-UP RECOMMENDATION

For spray applications on Chengal, Meranti and Pine.

Waterborne (W/B) System by Spray/Vacuum Application			
Standard	Chengal/Pine Meranti	WB Spray Primer 274-993-0750	60-120g/m ²
		WB Spray Primer 274-993-0750	60-120g/m ²

CUSTOMER BENEFITS:

- Over 80 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.



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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.

As Teknos customer, you will be baffled by the endless possibilities. We offer ready mixed colours made from our production site in Malaysia, as well as pigment package for your inhouse tinting.

YOUR BENEFITS AT A GLANCE

- INDIVIDUAL COLOURS AND EFFECTS ADD VALUE TO YOUR INTERIOR
- EASY TO APPLY BY SPRAY OR ROLLER COATER
- COLOURMATCHING 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.

Ask The Experts - Teknos



Teknos provides customised coating possibilities that can suit your unique requirement, specifications and production processes.

Get in touch with Teknos Coatings Solutions Expert now at marketing.malaysia@teknos.com

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.