



DOORS & MOULDINGS

Product overview
for industrial wood coatings

SOLUTIONS FOR DOORS & MOULDINGS

Each wood door is truly unique as it is a natural resource that comes in its natural colour and grains. No two pieces of wood are alike. This results in a beautiful, natural looking door that is uniquely suited for different function and location. The same goes to Teknos' customers. We provide customised coating possibilities that can suit your unique requirement, specifications and production processes. Whatever your needs, Teknos has a good finishing solutions that can satisfy technical and physical requirements to help door manufacturers, buyers and end customers alike to have uncontested performance and cost- efficiency at all times.



DESIGN AND FUNCTIONALITY:

- SPECIAL COLOUR
- SCRATCH RESISTANCE



HIGH QUALITY:

- MECHANICAL RESISTANCE
- CHEMICAL RESISTANCE



VARIETY OF APPLICATION:

- SPRAYING
- ROLLER COATER
- VACUUM COATER




APPEARANCE:

DIFFERENT TYPES OF FINISHES:
FROM ALLROUND TO PREMIUM QUALITY SURFACE



VARIOUS SUBSTRATES:

- METAL
- WOOD: OAK, PINE, MHR, MDF, ETC.



ENVIRONMENTALLY FRIENDLY:

- LOW VOC EMISSIONS
- WATERBORNE & UV PRODUCTS



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 211-205-1000	30g/m ²
		WB Filler 211-205-1000	30g/m ²
		WB Basecoat 231-201-1000	15g/m ²
		WB Basecoat 231-201-1000	15g/m ²
Standard White Primed	MDF	WB Filler 211-207-1000	30g/m ²
		WB Filler 211-207-1000	30g/m ²
		WB Basecoat 231-201-1000	15g/m ²
		WB Basecoat 231-201-1000	15g/m ²
		WB Basecoat 231-201-1000	15g/m ²
		UV Sandable Sealer 661-209-0002	15g/m ²
Premium White Primed (Hybrid)	MDF	WB Filler 211-205-1000	30g/m ²
		WB Filler 211-205-1000	30g/m ²
		UV Sandable Sealer 661-209-0009	25g/m ²
		WB Basecoat 231-209-1000	15g/m ²
	HMR	WB Basecoat 231-209-1000	15g/m ²
		UV Sandable Sealer 661-209-0009	40g/m ²
		WB Basecoat 231-209-1000	15g/m ²
		WB Basecoat 231-994-0520	15g/m ²
Embossed	MDF	WB Primer 271-209-7000	30g/m ²
		WB Primer 271-209-7000	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 651-993-0760	10g/m ²		
Direct Printing	MDF	WB Filler 211-207-1000	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 Systems by Industrial Roller Application			
Standard UV Primed	Veneer	WB Stain Base 284-209-0000 (Optional)	30g/m ²
		UV Filler 611-993-0820	35g/m ²
		UV Sealer 661-209-0001	25g/m ²
		UV Sealer 661-209-0001	20g/m ²
Premium UV Primed	Veneer	WB Stain Base 284-209-0000	30g/m ²
		UV Sealer 661-289-0000	15g/m ²
		UV Filler 611-237-0000	20g/m ²
		UV Filler 611-237-0000	20g/m ²
		UV Sealer 661-293-0000	15g/m ²
		UV Sealer 661-289-0000	7g/m ²
		UV Sealer 661-289-0000	7g/m ²
UV Topcoat 651-209-2001	5g/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

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.

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).

SOLUTIONS FOR TEXTURE DOORS

BUILD-UP RECOMMENDATION

For spray applications on MDF.

Category	Substrate	Product & System	
Waterborne (WB) Systems by Spray Application			
Cost-Efficient White Primed	MDF	WB Spray Primer 274-994-0720	150g/m ²
Standard White Primed	MDF	WB Spray Primer 274-209-1003 WB Spray Primer 274-209-1003	100g/m ² 100g/m ²



SOLUTIONS FOR DOOR JAMBS / PROFILES / MOULDINGS

BUILD-UP RECOMMENDATION

For spray applications on Chengal, Meranti and Pine.

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



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

PRODUCTS OVERVIEW & APPLICATION GUIDE

Product Name	Product Code	Colour	Gloss Level %	Tinting	Function & Features (Quality Characteristics)	Type of application		Substrates			Type of door	
						Spray	Roller	MDF/HDF	Veneer	Solid Wood	Flush	Panel
Filler / Putty												
WB Filler	211-205-1000	White	n.a.	n.a.	<ul style="list-style-type: none"> Standard hiding power. Good filling with toughness and sandability. 		■	■			■	■
WB Filler	211-207-1000	White	n.a.	n.a.	<ul style="list-style-type: none"> Good hiding power. Good filling, toughness and sanding aids. 		■	■			■	■
WB Putty	211-209-1000	White	n.a.	n.a.	<ul style="list-style-type: none"> Good hiding power with extra filling for high porosity. Provide better hardness with sandability. 		■	■			■	■
WB Filler	211-991-1240	White	n.a.	n.a.	<ul style="list-style-type: none"> Cost efficient WB filler. Good filling, toughness and sanding aids. 		■	■			■	■
WB Adhesive Coat	221-204-1001	White	n.a.	n.a.	<ul style="list-style-type: none"> Good opacity, toughness and adhesion. 		■	■			■	■
WB Basecoat												
WB Basecoat	231-201-1000	White	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Standard hiding power and good sealing aids. Provide toughness and adhesion. 		■	■			■	■
WB Basecoat	231-201-1001	White	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Medium hiding power and good sealing aids. Provide toughness and adhesion. 		■	■			■	■
WB Basecoat	231-201-1003	White	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Excellent hiding power and good sealing aids. Provide toughness and adhesion. 		■	■			■	■
WB Basecoat	231-209-1000	White	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Excellent hiding power and good sealing aids. Provide excellent adhesion. 		■	■			■	■
WB Basecoat	231-209-1002	White	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Exceptional hiding power and good sealing aids. Provide toughness and adhesion. 		■	■			■	■
WB Basecoat	231-994-0520	White	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Exceptional hiding power and good sealing aids. High moisture resistance. 		■	■			■	■
WB Printing Ink												
WB Printing Ink	241-201-0000	Clear	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Tintable colourless base. Suitable for low viscosity application. 		■	■			■	■
WB Printing Ink	241-202-0000	Clear	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Tintable colourless base. Suitable for high viscosity application. 		■	■			■	■
WB Stain Base												
WB Stain Base	281-232-0000	Clear	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Good wetting enhancement and compatibility with pigment/colors. Provides an aesthetic warm looks and good adhesion. 	■	■		■	■	■	■
WB Stain Base	284-209-0000	Clear	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Good wetting enhancement and compatibility with pigment/colors. Provides an aesthetic warm looks and good adhesion. 	■			■	■	■	■
WB Stain Base	284-993-0660	Clear	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Good wetting enhancement and compatibility with pigment/colors. Slow dry suitable for hand wiping while promoting a good adhesion. 	■			■	■	■	■

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

Product Name	Product Code	Colour	Gloss Level %	Tinting	Function & Features (Quality Characteristics)	Type of application			Substrates			Type of door	
						Vacuum	Spray	Roller	MDF/ HDF	Veneer	Solid Wood	Flush	Panel

Waterborne (WB) Products													
WB Primer													
WB Primer	271-209-7000	Black	n.a.	n.a.	▪ Excellent hiding power and good sealing aid.			■	■			■	■
WB Spray Primer	274-209-1002	White	n.a.	Factory tinted/ Onsite tinting	▪ Good hiding power. ▪ Good sealing porosity and adhesion to substrate.		■		■	■	■	■	■
WB Spray Primer	274-209-1003	White	n.a.	Factory tinted/ Onsite tinting	▪ Flexible primer with excellent hiding power, sealing porosity. ▪ Good adhesion to several substrates.		■		■	■	■	■	■
WB Spray Primer	274-289-1000	White	n.a.	Factory tinted/ Onsite tinting	▪ Excellent levelling and sealing porosity. ▪ Provides an ideal base for subsequent finishing.		■		■	■	■	■	■
WB Spray Primer	274-993-0750	White	n.a.	Factory tinted/ Onsite tinting	▪ Cost effective with improved hiding power with better flow. ▪ Excellent levelling and sealing properties.	■	■		■	■	■	■	■
WB Spray Primer	274-994-0720	White	n.a.	Factory tinted/ Onsite tinting	▪ Cost efficient WB spray primer. ▪ Standard hiding power with good sealing porosity.		■		■	■	■	■	■
WB Sealer													
WB Spray Sealer	264-209-0001	Clear	n.a.	Factory tinted/ Onsite tinting	▪ Good sealing and sandability.		■		■	■	■	■	■
WB Topcoat*													
WB Topcoat	254-209-0001	Clear	10%*	Factory tinted/ Onsite tinting	▪ High clarity with gloss level 10%. ▪ Good stain resistance and smoothness.		■		■	■	■	■	■
WB Topcoat White	257-917-0030	White	30%*	Factory tinted/ Onsite tinting	▪ Opaque with gloss level 30%. ▪ Good stain resistance and extra smoothness..		■		■	■	■	■	■

UV Products													
UV Stain Base													
Teknolux Aqua Primer 240	471-240-0000	Clear	n.a.	Factory tinted/ Onsite tinting	▪ Excellent adhesion onto oily substrate. ▪ Provides an aesthetic warm looks with good wetting and toughness.			■		■	■	■	■
UV Filler													
Uvilux Filler 237	611-237-0000	Clear	n.a.	n.a.	▪ Good pores filling and toughness. ▪ Excellent sandability.			■	■	■	■	■	■
Uvilux Putty 247	611-247-0000	Clear	n.a.	n.a.	▪ Excellent filling (high porosity). ▪ Good hardness and transparency.			■	■	■	■	■	■
Uvilux Filler	611-253-0000	Clear	n.a.	n.a.	▪ Good filling function and toughness with high transparency/clarity. ▪ High reactivity providing instant curing.			■	■	■	■	■	■
UV Filler	611-993-0570	White	n.a.	n.a.	▪ Good opacity with good filling function. ▪ Provides good adhesion and sandability.			■	■	■		■	■
UV Filler	611-993-0820	Clear	n.a.	n.a.	▪ Non bleeding, high viscosity.			■	■	■		■	■
UV Sealer													
UV Sealer	661-209-0001	Clear	n.a.	Factory tinted/ Onsite tinting	▪ Combi-product (as a filler/sealer) and monomer bleeding free. ▪ Good sealing function leaving a high film build with acceptable hardness.			■	■	■	■	■	■
UV Sandable Sealer	661-209-0002	Clear	n.a.	Factory tinted/ Onsite tinting	▪ Excellent adhesion, sealing and levelling properties. ▪ Gives matt finish.			■	■	■	■	■	■
HPC UV Sealer	661-209-0007	Clear	n.a.	Factory tinted/ Onsite tinting	▪ Provides a good adhesion to substrate or filler and good sealing. ▪ Good coverage properties leaving a excellent clarity high build film.			■	■	■	■	■	■
UV Sandable Sealer	661-209-0009	Clear	n.a.	Factory tinted/ Onsite tinting	▪ Excellent adhesion, sealing and levelling properties.			■	■	■	■	■	■
Uvilux Sealer 248	661-248-0000	Clear	n.a.	Factory tinted/ Onsite tinting	▪ Good sealing function providing a high film build. ▪ Excellent sandability.			■	■	■	■	■	■
Uvilux Sealer 251	661-251-0000	Clear	n.a.	Factory tinted/ Onsite tinting	▪ Good sealing and sandability. ▪ Provides a matt finish with a good hard surface.			■	■	■	■	■	■
UV Sealer	661-289-0000	Clear	n.a.	Factory tinted/ Onsite tinting	▪ Good adhesion, sealing and levelling properties. ▪ Tintable colorless sealer.			■	■	■	■	■	■
UV Sealer Standard	661-293-0000	Clear	n.a.	Factory tinted/ Onsite tinting	▪ Good adhesion, sealing and levelling properties. ▪ High reactivity and good sandability.			■	■	■	■	■	■
UV Sealer	661-993-0680	White	n.a.	Factory tinted/ Onsite tinting	▪ Excellent opacity and reactivity. ▪ Provides a good adhesion to several substrate types.			■	■	■	■	■	■
UV Topcoat*													
UV Topcoat	651-209-2001	Clear	20%*	Factory tinted/ Onsite tinting	▪ Low build topcoat. ▪ Provides a good adhesion and smoothness.			■	■	■	■	■	■
UV HPC Anti-Scratch Topcoat	651-236-3000	Clear	30%*	Factory tinted/ Onsite tinting	▪ Excellent reactivity. ▪ Provides a good adhesion and hardness.			■	■	■	■	■	■
Uvilux 240-10	651-240-1000	Clear	10%*	Factory tinted/ Onsite tinting	▪ High performance topcoat, providing good chemical resistance. ▪ Exceptional hardness and smoothness.			■	■	■	■	■	■
UV Topcoat	651-993-0760	Clear	30%*	Factory tinted/ Onsite tinting	▪ Comprises various finishes producing special decorative effects. ▪ Protecting the substrate from chemical and mechanical impacts.			■	■	■	■	■	■

* For other gloss requirements, please contact Teknos Malaysia sales representative for more information.
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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.

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