

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 211-205-1000	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
		WB Basecoat 231-201-1000	15g/m ²
		UV Sandable Sealer 661-209-0002	15g/m ²
Premium White Primed (Hybrid)	HMR	UV Sandable Sealer 661-209-XXXX	40g/m ²
		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
		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 231-201-XXXX	15g/m ²
		WB Basecoat 231-201-XXXX	15g/m ²
		WB Basecoat 231-201-XXXX	15g/m ²
		WB Printing Ink 241-201-0000	3g/m ²
UV Topcoat 651-993-0760	10g/m ²		
Direct Printing	MDF	WB Filler 211-207-1000	70g/m ²
		WB Basecoat 231-201-XXXX	15g/m ²
		WB Basecoat 231-201-XXXX	15g/m ²
		WB Basecoat 231-201-XXXX	15g/m ²
		WB Printing Ink 241-201-0000	3g/m ²
		UV Topcoat 651-993-0760	10g/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

SOLUTIONS FOR TEXTURE DOORS

BUILD-UP RECOMMENDATION

For spray applications on MDF.

Category	Substrate	Product & System	
Waterborne (WB) Systems by Spray Application			
White Primed	MDF	WB Spray Primer 274-994-XXXX	150g/m ²
		WB Spray Primer 274-994-XXXX	150g/m ²

BUILD-UP RECOMMENDATION

For spray applications on Poplar and White Oak Veneer

Waterborne (WB) Systems by Spray			
Standard	Poplar and White Oak Veneer	WB Spray Sealer 264-209-0001	100g/m ²
		WB Spray Primer 274-209-1002	90g/m ²
		WB Spray Primer 274-209-1002	90g/m ²

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.

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).

BUILD-UP RECOMMENDATION

For spray applications on WB Spray on Poplar and White Oak Veneer

Waterborne (WB) Systems by Spray Application			
Standard	Poplar and White Oak Veneer	WB Spray Primer 274-209-1003	100g/m ²
		WB Spray Primer 274-209-1003	90g/m ²
		WB Spray Primer 274-209-1002	90g/m ²
HydroUV Systems by Spray Application			
Standard	Poplar and White Oak Veneer	WB Spray Primer 274-993-0750	120g/m ²
		WB Spray Primer 274-993-0750	120g/m ²
		WBUV Spray Topcoat 454-993-0611	120g/m ²
	Poplar and White Oak Veneer	UVILUX Sealer 248 661-248-0000	15g/m ²
		UV Sealer White 661-993-0840	18g/m ²
		UV Sealer White 661-993-0840	18g/m ²
	WBUV Spray Topcoat 454-993-0611	120g/m ²	



SOLUTIONS FOR DOOR JAMBS / PROFILES / MOULDINGS

BUILD-UP RECOMMENDATION

For spray/vacuum applications on Chengal, Meranti and Pine.

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

*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).*

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	
						Vacuum	Spray	Roller	MDF/ PDP	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 Spray Basecoat	234-995-0280	White	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Can serve as primer, basecoat and topcoat. Excellent adhesion, sealing and moisture resistance properties. 		■	■	■	■	■	■	■
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 Sealer													
WB Spray Sealer	264-209-0001	Clear	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Good sealing and sandability. 		■	■	■	■	■	■	■
WB Primer													
WB Primer	271-209-7000	Black	n.a.	n.a.	<ul style="list-style-type: none"> Excellent hiding power and good sealing aid. 			■	■			■	■
WB Spray Primer	274-209-1002	White	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Good hiding power. Good sealing porosity and adhesion to substrate. 		■	■	■	■	■	■	■
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. 		■	■	■	■	■	■	■
WB Spray Primer	274-289-1000	White	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Cost efficient WB spray primer. Standard hiding power with good sealing porosity. 		■	■	■	■	■	■	■
WB Spray Primer	274-994-0740	White	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Excellent levelling and sealing properties. An ideal base for using AC, NC, PU or waterborne spray finishes. 		■	■	■	■	■	■	■
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 Glaze	284-993-0850	Clear	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> For antique or american finishes, can be applied with spray or brush. Good compatibility with waterbase color pigments. Provides good adhesion for subsequent layers. 		■	■	■	■	■	■	■
WB Topcoat*													
WB Topcoat	254-209-0001	Clear	10%*	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> High clarity with gloss level 10%. Good stain resistance and smoothness. 		■	■	■	■	■	■	■
WB Topcoat	257-917-0030	White	30%*	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Opaque with gloss level 30%. Good stain resistance and extra smoothness. 		■	■	■	■	■	■	■
WB Topcoat	257-993-093X*	Clear	10 - 80%*	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Satin gloss (10-80+5) while delivering an aesthetic appearance with an extra clear and smooth finish. 		■	■	■	■	■	■	■
WBUV Primer													
Teknolux Aqua Primer 240	471-240-0000	Clear	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Excellent adhesion onto oily substrate. Provides an aesthetic warm looks with good wetting and toughness. 			■	■	■	■	■	■
WBUV Topcoat*													
WBUV Spray Topcoat	454-993-0611	White	<15%	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Excellent hardness, hiding power, adhesion and chemical resistance. 		■	■	■	■	■	■	■

* 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.

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
UV Filler													
UV Filler	611-209-0001	Clear	n.a.	n.a.	<ul style="list-style-type: none"> Excellent filling and sealing properties for high porous substrate with very minimal yellowing effect. 				■		■		
UV Filler	611-215-0000	Clear	n.a.	n.a.	<ul style="list-style-type: none"> Excellent sealing and filling properties for high porous substrate. 			■	■	■	■	■	
Uvilux Putty 247	611-247-0000	Clear	n.a.	n.a.	<ul style="list-style-type: none"> Excellent filling (high porosity). Good hardness and transparency. 			■	■	■	■	■	
UV Filler	611-253-0000	Clear	n.a.	n.a.	<ul style="list-style-type: none"> Good filling function and toughness with high transparency/clarity. High reactivity providing instant curing. 			■	■	■	■	■	
UV Filler	611-993-0570	White	n.a.	n.a.	<ul style="list-style-type: none"> Good opacity with good filling function. Provides good adhesion and sandability. 			■	■	■		■	
UV Filler	611-993-0820	Clear	n.a.	n.a.	<ul style="list-style-type: none"> Non bleeding, high viscosity. 			■	■	■		■	
UV Sealer													
UV Sealer	661-209-0001	Clear	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Excellent adhesion, sealing and levelling properties. Gives matt finish. 			■	■	■	■	■	
UV Adhesion Sealer	661-209-0003	Clear	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Excellent adhesion on laminate and paper and melamine. 			■	■	■		■	
UV Sealer	661-209-0004	Clear	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Excellent adhesion, sanding and sealing properties. 			■		■	■	■	
UV Sandable Sealer	661-209-0009	Clear	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Excellent adhesion, sealing and levelling properties. 			■	■	■	■	■	
UV Sealer	661-209-0010	Clear	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Excellent adhesion, sealing and levelling 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. 			■	■	■	■	■	
Uvilux Sealer 251	661-251-0000	Clear	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Good adhesion, sealing and levelling properties. Tintable colorless sealer. 			■	■	■	■	■	
UV Sealer Standard	661-293-0000	Clear	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Good adhesion, sealing and levelling properties. High reactivity and good sandability. 			■	■	■	■	■	
UV Sealer	661-993-0680	White	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Excellent opacity and reactivity. Provides a good adhesion to several substrate types. 			■	■	■	■	■	
UV Sealer	661-993-0780	Clear	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Excellent adhesion, sealing and leveling properties. Gives good clarity finishing. 			■	■	■	■	■	
UV Sealer	661-993-0840	White	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Exceptional hiding power with good yellowing resistance. Excellent adhesion, sealing and leveling properties. 			■	■	■	■	■	
UV Topcoat*													
UV Topcoat	651-209-2001	Clear	20%*	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Low build topcoat. Provides a good adhesion and smoothness. 			■	■	■	■	■	
UV Topcoat	651-209-9002	Clear	90%*	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> High gloss. Excellent surface properties on hardness and scratch resistance. 			■	■	■	■	■	
UV HPC Anti-Scratch Topcoat	651-236-3000	Clear	30%*	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Excellent reactivity. Provides a good adhesion and hardness. 			■	■	■	■	■	
Uvilux 240-10	651-240-1000	Clear	10%*	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> High performance topcoat, providing good chemical resistance. Exceptional hardness and smoothness. 			■	■	■	■	■	
UV Topcoat	651-991-1273	Clear	30%*	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Produces special decorative effects as well as protecting the substrate from chemicals and mechanical impacts. 			■	■	■		■	
UV Topcoat Extra Matt	651-992-0311	Clear	<10%*	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Low gloss finishing with significant improvement in curing speed. Good anti-scratch resistance properties. 			■	■	■	■	■	
UV Topcoat	651-993-0760	Clear	30%*	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Comprises various finishes producing special decorative effects. Protecting the substrate from chemical and mechanical impacts. 			■	■	■	■	■	

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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.