

EXTERIOR SOLUTIONS

Product overview
for industrial wood coatings



SOLUTIONS FOR EXTERIOR WOOD

The exterior surfaces of buildings have a lot of demands placed on them. Not only do they have to protect the substrate from deterioration within itself, they also have to fend off the elements, guard against everyday wear and retain their beautiful finish. Teknos coatings can help surfaces withstand the harshest climates and protect them from UV-light, rain, humidity and extreme temperatures, our products are designed to ensuring your products stand the test of time by looking at their best year after year.

We offer waterborne solutions to support our sustainability ambitions to care for the environment, reduce consumption and increase the durability and service life of surfaces. Teknos product portfolio for exterior wood includes:

- Wood preservatives and combi-primers to preserve and prime the wood.
- Primers to fill the wood's pores and provide an anchor for intermediates or topcoats.
- Specialist primers and intermediate coats to block and inhibit tannin staining.
- End-grain and construction joint fillers to protect the most vulnerable areas of exposed joinery.
- Intermediate products to fill the pores of coarser wood species, providing a more uniform surface for top coating.
- Topcoats for an attractive, durable yet flexible surface.



WOODEN WINDOWS, WINDOW SHUTTERS, CONSERVATORIES AND DOORS

Teknos exterior coatings formulations take into account the requirement of wood window and door manufacturers for coating hardness combined with protection against wood destroying, wood discolouring fungi and surface mould. At the same time Teknos high quality binders keep yellowing and discolouring to a minimum – a key consideration for white or translucent finishes for wood products.



BUILD-UP RECOMMENDATION

Translucent System	3-layer Option 1	3-layer Option 2
Wood Preservative ¹ / Primer	AQUAPRIMER 2907	AQUAPRIMER 2907
Intermediate	AQUATOP 2600	AQUAFILLER 6500
Topcoat	AQUATOP 2600	AQUATOP 2600

Opaque System	3-layer	4-layer
Wood Preservative ¹	AQUAPRIMER 2907	AQUAPRIMER 2907
Primer	ANTISTAIN AQUA 2901	ANTISTAIN AQUA 2901
Intermediate		AQUATOP 2600
Topcoat	AQUATOP 2600	AQUATOP 2600

TERRACE DECKING / DECKING BOARDS

Timber decking creates a natural and attractive connection between house and garden, make a valuable addition to home's beauty and is the stage for outdoor life. Decks are exposed to sun, rain, hail and snow, which can result in cracking of wood and water ingress. Teknos coating systems enhance the natural beauty of wood but also protect timber from humidity, dirt, UV light, cracking and colour fading which enable that decking will be enjoyed for years to come.



BUILD-UP RECOMMENDATION

Translucent System	3-layer
Wood Preservative ¹ / Primer	AQUAPRIMER 2907
Intermediate	WOODEX AQUA CLASSIC
Topcoat	WOODEX AQUA CLASSIC

¹ Use biocides safely, always read the label and product information before use.

GARDEN FURNITURE

Teknos coating systems on garden furniture bring out the natural beauty of the wood, and return a surface with a highly natural appearance and enhanced durability properties. The deep penetration of the coatings and excellent adhesion properties in combination with high grade UV protection and high degree of water repellency result that are able to withstand the demanding conditions of both tropic and sub tropic climate zones.

BUILD-UP RECOMMENDATION

HARDWOOD Translucent	3-layer system	4-layer system
Wood Preservative ¹	AQUAPRIMER 2907	AQUAPRIMER 2907
Primer	ANTISTAIN AQUA 2901	ANTISTAIN AQUA 2901
Intermediate		AQUAFILLER 6500
Topcoat	AQUATOP 2600	AQUATOP 2600

HARDWOOD Opaque	3-layer system	4-layer system
Wood Preservative ¹		AQUAPRIMER 2907
Primer	ANTISTAIN AQUA 2901	ANTISTAIN AQUA 2901
Intermediate	ANTISTAIN AQUA 2901	ANTISTAIN AQUA 2901
Topcoat	AQUATOP 2600	AQUATOP 2600



PRODUCTS OVERVIEW & APPLICATION GUIDE

Application Overview	Colour	Gloss Level %	Tinting	Function & Features (Quality Characteristics)	Type of application				
					Spray	Flowcoat	Dipping	Brush	
Preventive Treatment	Wood Preservative								
	TEKNOL AQUA 1410-01	Colourless	n.a.	n.a.	<ul style="list-style-type: none"> Protects against wood destroying and wood discolorating fungi. Minimizes patchiness in subsequent translucent surface treatments. A colourless waterborne industrial wood preservative ready for use. Fulfill the performance requirements of EN 599-1. 	■	■	■	■
	TEKNOL AQUA 1410-99	Colourless	n.a.	n.a.	<ul style="list-style-type: none"> Protects against wood destroying and discolorating fungi as well as wood-boring beetles and termites. Minimizes patchiness in subsequent translucent surface treatments. A colourless waterborne industrial wood preservative ready for use. Fulfill the performance requirements of EN 599-1. 	■	■	■	■
AQUA PRIMER 2907-02	Translucent	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Protects against wood destroying and discolorating fungi. Available as clear or in translucent colour shades. Fulfill the performance requirements of EN 599-1. 		■	■	■	
Filler / Primer / Intermediate / Sealer	Filler / Primer / Intermediate / Sealer								
	AQUAFILLER 6500-00 / 01	Colourless	n.a.	n.a.	<ul style="list-style-type: none"> Standard intermediate waterborne filler. 	■	■	■	
	AQUAPRIMER 3130-00 / 02	00: White & Opaque 02: Clear & Translucent	n.a.	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Standard waterborne primer. 	■			
	ANTISTAIN AQUA 2901-00 / 80	White	n.a.	Factory tinted	<ul style="list-style-type: none"> A waterborne primer typically applied on hardwood, which for non-durable hardwood has been pretreated with a wood preservative. Antibled, reduces surface discoloration caused by tannins in hardwood. 	■		■	
	ANTISTAIN AQUA 2901-12 / 63	Colourless	n.a.	n.a.	<ul style="list-style-type: none"> A waterborne primer typically applied on hardwood, which for non-durable hardwood has been pretreated with a wood preservative. Antibled, reduces surface discoloration caused by tannins in hardwood. 	■	■	■	
	ANTISTAIN AQUA 3101-01	Colourless	n.a.	n.a.	<ul style="list-style-type: none"> Antibled pre-treatment for high tannin wood species. A waterborne primer that reduces discoloration caused by migration of water soluble dye stuff from the wood. 			■	
	ANTISTAIN AQUA 5200-00	White and opaque	n.a.	Factory tinted	<ul style="list-style-type: none"> A highly versatile, robust and easy to use softwood waterborne primer. Typically is used for exterior windows, doors, shutters, conservatories on cladding. Minimises yellowing from knots and softwood with a large amount of heartwood. 	■			
TEKNOSEAL 4002-00	Colourless	n.a.	n.a.	<ul style="list-style-type: none"> Waterborne industrial sealer for the treatment of MDF/HDF exterior grade for windows and doors. Inhibits water/humidity ingress and provides dimensional stability. 	■			■	

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

PRODUCTS OVERVIEW & APPLICATION GUIDE

Application Overview	Colour	Gloss Level%	Tinting	Function & Features (Quality Characteristics)	Type of application					
					Spray	Flowcoat	Dipping	Brush	Sponge	
Topcoat										
Topcoat	AQUATOP 2600-20/21/22/23/24/26	20: Translucent 21: White & opaque 22: White, opaque & translucent 23: White & opaque 24: White & translucent 26: White, opaque & translucent	10% 15% 20% 30% 40% 60%	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Can be applied on pre-treated substrates such as softwood, hardwood, Accoya, modified wood, HDF and MDF. Highly versatile, robust and easy to use topcoat, which typically is used for exterior windows, doors, shutters, conservatories or claddings. Exterior durability of coating systems is typically documented according to EN 927-2. 	■				
	AQUATOP 2600-82/83	White & opaque colours	20% 30%	Factory tinted/ Onsite tinting	<ul style="list-style-type: none"> Can be applied on pre-treated substrates such as softwood, hardwood, Accoya, modified wood, HDF and MDF. Highly versatile opaque topcoat which is used for all types outdoor exposed wooden objects such as windows, doors and garden furniture. Exterior durability of coating systems is typically documented according to EN 927-2. 	■				
Wood Stain										
Wood Stain	WOODEX AQUA CLASSIC	Translucent	n.a.	Special colours	<ul style="list-style-type: none"> Protects wooden surfaces from moisture and deterioration and UV from the sun when tinted. A waterborne, oil-based, non-film-forming transparent wood stain. Colour chart is available. 	■			■	
	WOODEX AQUA WOOD OIL	Translucent	n.a.	Special colours	<ul style="list-style-type: none"> For untreated, heat-treated and press-impregnated wood. Protects wooden surfaces from moisture, soiling and when tinted from UV radiation of the sun. Deminishes cracking of the wooden surface. Colour chart is available. 			■	■	■
	WOODEX WOOD OIL	Translucent	n.a.	Special colours	<ul style="list-style-type: none"> Natural oil for outdoor use for protection of garden deck floors, garden furniture, fences, trellises, doors and stairs. Protects wooden surfaces from moisture, soiling and when tinted from UV radiation of the sun. Deminishes cracking of the wooden surface. For heat-treated and press-impregnated wood and for exotic wood sorts. 			■	■	■
End Grain Sealer										
Ancillary Products	TEKNOSEAL 4000-00	Colourless	n.a.	n.a.	<ul style="list-style-type: none"> Aqueous product for sealing of end grain of new wood designated for exterior use such as windows and doors. Use to close end grains at both soft and hardwood wood species. 				■	
	OPTIJOINT XP / XP II	XP : Grey XP II: Brown	n.a.	n.a.	<ul style="list-style-type: none"> Specifically developed to keep wooden joints in joinery moisture tight and dry. Beside it's gluing properties, the product protects end grains and joint-lines from water uptake. Certified according to BL 0819 (KOMO Certification 20935). 	Knife / Scrape / Gluestick				

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GET EXPERT ADVICE FROM TEKNOS

Teknos believes the key to long and trouble free service life of exterior coatings lies in selecting the **optimum coating system** for the end use, exposure conditions specified and choosing products tailored to the manufacturing process.

You can count on us as sustainable coating solution partner to get sound advice. Our Sales Representatives are always ready to support you in designing your optimal coatings solution and application system.

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.