

EXTERIOR BUILDING PRODUCTS



PRODUCT
SELECTION GUIDE

SHERWIN-WILLIAMS.

wood.sherwin.com

PRODUCT SELECTION GUIDE FOR EXTERIOR

SHERWIN-WILLIAMS EXTERIOR FINISHES

Strong and beautiful, exterior coating solutions from Sherwin-Williams enhance exterior building products. Durable finishes that are resistant to sunlight, moisture and harsh temperatures, our products provide lasting protection for windows, doors, garden furniture, cladding and many other types of exterior building materials.

The most important function of finishing is to provide exterior joinery products with an aesthetically attractive surface and to protect the wood from the type of climatic stresses and strains that can produce deformation, such as wood rot and other forms of damage.

Facing the toughest of environmental conditions, outdoor building materials require superior protection to maintain lasting integrity and aesthetics. Whether windows, doors, garden furniture, cladding or any other exterior surfaces, our offering of waterborne and solvent-based technologies provide manufacturers the peace of mind of proven protection. With coatings for wood from our global wood finishing product portfolio, finishers benefit from long lasting and weather resistant coatings that are trusted by manufacturers and developers world-wide.

Through our global wood finishing brand we are able to provide the full offering of wood finishing technologies - customized to meet your specific needs and preferences.

From our leadership position in UV- and LED-curable coatings, to our extensive offering of waterborne finishes, our focus has long been on the development of innovative technologies that further what finishers can do with wood. Sherwin-Williams also offers liquid and powder coatings for the range of interior and exterior furnishings manufactured with metal and plastic and will develop synergistic systems for those manufacturing across the spectrum of substrates.

Solely dedicated to wood finishes designed for industrial use, we remain focused on ensuring our coating systems help speed up production, improve throughput and ensure consistency in appearance and film performance. Our products are backed by a dedication to providing local and personalized support – on a global scale.

PRIME BENEFITS

- Knot yellowing resistance
- High durability
- High protective solutions
- Enhanced light fastness
- Gloss stability
- Fast drying
- High transfer efficiency

PRODUCT TYPES

Windows, doors, cladding, garden furniture and other outdoor constructions

Solutions

Waterborne and solvent borne preservatives, stains, lacquers, primers and topcoats

Substrates

Soft wood, hard wood, modified timbers and fibre board

Application

Dipping, flow-coat, spraying, high-speed bell and electro-static application

SHERWIN-WILLIAMS WATERBORNE & WATERBORNE UV PRODUCTS

Application methods:
 LPS - Low pressure spraying
 HPS - High pressure spraying
 CC - Curtain coater
 ES - Electrostatic application
 RC - Roller coater
 VC - Vacuum coater

FC - Flow coat
 DI - Dipping
 BM - Brush machine

Substrates:
 1 - MDF - HDF
 2 - Chipboard
 3 - Melamine covered chipboard
 4 - Hard wood
 5 - Soft wood

Product name	Product family	Description	Solid content %/weight	VOC g/lit	Glosses	Bases	Application method	Substrate
Waterborne pigmented products								
Laqvin Seal	AA1951	Preservative approved for the protection of exterior wooden joinery against blue stain and rot. Some EU countries not approved for use of this product. Please contact your technical representative for further information.	5	18	-	-	FC - DI	4, 5
Laqvin Prime	AD1430	Alkyd primer for industrial surface treatment of exterior cladding. The product protects the wood from dirt and degradation of UV-light before painting the construction on site. Can be stacked wet-on-wet. Needs to be fully dried before overcoating.	48-53	7-8	flat	white, clear	BM - HPS	5
Laqvin Proof	ED0860	Pigmented isolating sealer for hardwoods to increase protection against tannins for application by flowcoat or dip. Can also be used as part of an isolating system on difficult to treat exotic timbers such as Iroko or Idigbo.	30-40	22	flat	N/A	FC - DI	4
Laqvin Prime	ED1401-9001	Primer for finishing of windows, doors and other exterior products made from laminated knot-free softwood. The primer is fast drying with excellent water resistance.	55	22-38	flat	-	HPS - FC - DI	1, 5
Laqvin Proof	ED1401-9501	Standard anti-tannin primer for hardwood. Excellent insulating properties against extractive tannins.	55	22-38	flat	-	HPS	1, 4, 5
Laqvin Proof	ED1423	Primer to prevent discoloration from knots and other coloured substances from pine and spruce. The product has excellent adhesion. Possible to use hardener to improve barrier properties and protection against yellowing.	52	24	flat	-	HPS	1, 5
Laqvin Proof	ED1423-9501	Universal primer for protection against both knot discoloration and tannins. Excellent adhesion and water barrier properties.	52	24	flat	-	HPS	1, 4, 5
Laqvin Fast Dry Prime	ED1440	Hybrid primer for industrial cladding production. Fast drying product for improved productivity. Has very good adhesion to the substrate. Should be overcoated in factory or after installation.	48	18	flat	white, clear	BM - HPS	5
Laqvin Prime	ED1450	Waterbased pigmented primer for HDF doors. Very fast drying with minimal fibre raising	59-61	35	flat	white	HPS	1
Laqvin Proof	ED4601	Thixotropic pigmented basecoat with excellent insulating properties against extractive tannins and also knot yellowing. Universal product for most softwoods and hard woods, including difficult to treat timbers such as Iroko and Idigbo.	50-55	1	flat	N/A	HPS	4
Laqvin Proof	EF0201	Pigmented 2-component basecoat for blocking extractives in difficult to coat timbers such as Iroko and Idigbo. Must be cross-linked with EV4376 and can be tinted with standard waterborne pastes.	50	6	flat	N/A	HPS - ES	4
Laqvin Top	EG1515	Waterbased pigmented topcoat for HDF doors. Fast drying, excellent levelling and build.	46-48	55	30	white	HPS	1
Laqvin Top	EG4653	Premium performance topcoat with exceptional water barrier properties. Available in white and clear base for tinting.	45-47	50	30	white, clear	HPS	1, 4, 5
Laqvin Fast Dry Top	EG1540	Topcoat intermediate for industrial application of cladding/facades. Fast drying product with very good stackability properties. Should be overcoated in factory or after installation.	50	9	20	white, clear	BM - HPS	1, 4, 5
Laqvin Fast Dry Combi	EG1544	Combi product for industrial application to cladding/facade surfaces. Should be overcoated in factory or after installation.	49	9	20	white, clear	BM - HPS	1, 4, 5
Laqvin Top	EG1598	Waterborne topcoat for exterior finishing, designed for windows and other wooden surfaces for exterior use. The product has good stackability and application properties. Available in white and clear base for tinting.	40-49	26-35	20-70	white, clear	HPS	1, 4, 5
Laqvin Top	EH1581	Waterbased pigmented 2-component PU topcoat for HDF doors. Very tough surface. Product can also be used for plastic parts in multicomponent door sets. Available in white and clear base for tinting.	53-55	75	20	white	HPS	1
Waterborne UV pigmented products								
Laqvin Fast Dry UV	WH1560	Intermediate for exterior cladding/facades made from pine and spruce. Characteristic for this topcoat/ intermediate is very fast drying and excellent stackability.	50	22	20	-	HPS	4, 5
Laqvin Top	WH1571	Topcoat for doors and other wooden surfaces made from HDF-board for exterior use. The product has very good scratch resistance, excellent stackability and low water uptake.	49	28	20-30	-	HPS	1

SHERWIN-WILLIAMS WATERBORNE PRODUCTS



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Substrates:
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 2 - Chipboard
 3 - Melamine covered chipboard
 4 - Hard wood
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 6 - UV-primer or sealer
 7 - AC-primer

Product name	Product family	Description	Solid content %/weight	VOC g/lit	Glosses	Bases	Application method	Substrate
Waterborne stains and clear products								
Laqvin Ton	ED0452	Waterbased protective woodstain characterised by high harmonising power.	13-15	23	N/A	clear	FC - DI	1, 5
Laqvin Ton	ED0480	Woodstain mainly for coniferous woods with excellent grain definition.	13-15	16	N/A	clear	FC - DI	1, 5
Laqvin Ton	ED4405	Universal protective wood stain suitable for application to all timbers. ED4405 can be tinted using standard WB pastes.	9-11	33	N/A	clear	FC - DI - HPS	4, 5
Laqvin Clear	EL0790	Clear/translucent sealer for softwoods and hardwoods for application by spray. Excellent wetting properties to wet deep pores.	36-38	30	N/A	clear	HPS	4, 5
Laqvin Clear	EL0830	Clear/translucent sealer for softwoods and hardwoods for application by flow coat or dip. Excellent wetting properties to wet deep pores.	25-27	12	N/A	clear	FC - DI	4, 5
Laqvin Clear	EL0840	Clear midcoat sealer for softwoods. Easy to sand with good transparency.	24-26	12	N/A	clear	FC - DI	5
Laqvin Proof	EL0860	Clear isolating sealer for hardwoods to increase protection against tannins. Can be used as part of an isolating system for exotic timbers such as Iroko, Russian Larch or Idigbo.	24-26	2	N/A	clear	FC - DI	4
Laqvin Proof	EM0501	Clear 2-component basecoat for blocking extractives in difficult to coat timbers such as Iroko and Idigbo. Must be cross-linked with EV4376 and can be tinted with standard WB pastes.	35-50	6	N/A	N/A	HPS	4+
Laqvin Clear	EM4653	Premium performance topcoat with exceptional water barrier and UV protection properties.	35-40	35-40	30	clear	HPS	1, 4, 5
Laqvin Clear	EM1401	Lacquer for exterior finishing, designed for windows, doors and other wooden surfaces.	33-43	38-63	10-30	clear	HPS - FC - DI	1, 4, 5
Laqvin Clear	EM06XX	Waterbased clear/translucent topcoat with excellent water and UV resistance. Can be tinted with standard WB pastes.	40-42	25	15, 30, 60	clear	HPS	4, 5
Laqvin Ton	SX1420	Stain for exterior finishing, designed for windows, doors, garden furniture and other wooden surfaces with good outdoor durability. This stain gives a good appearance and excellent adhesion.	8	13	-	clear	FC - DI	1, 4, 5
Laqvin Ton	SX1427	Stain designed for windows, doors, garden furniture and other wooden surfaces and is specially designed for flow-coat and dipping application. The stain has good film build, which gives good body.	35-42	29-42	-	clear	FC - DI	1, 4, 5

SHERWIN-WILLIAMS SOLVENT BORNE PRODUCTS



SHERWIN-WILLIAMS ANCILLARY PRODUCTS

Product type	Product code	Colour	Packaging	Comments
V-joint	EK4270	Clear	310 ml tube	Waterbased. Clear sealer for both clear and pigmented finishing.
End grain sealer	EK4240	Clear	1 L	
Hand filler	EK1005	White	1 L	Waterbased

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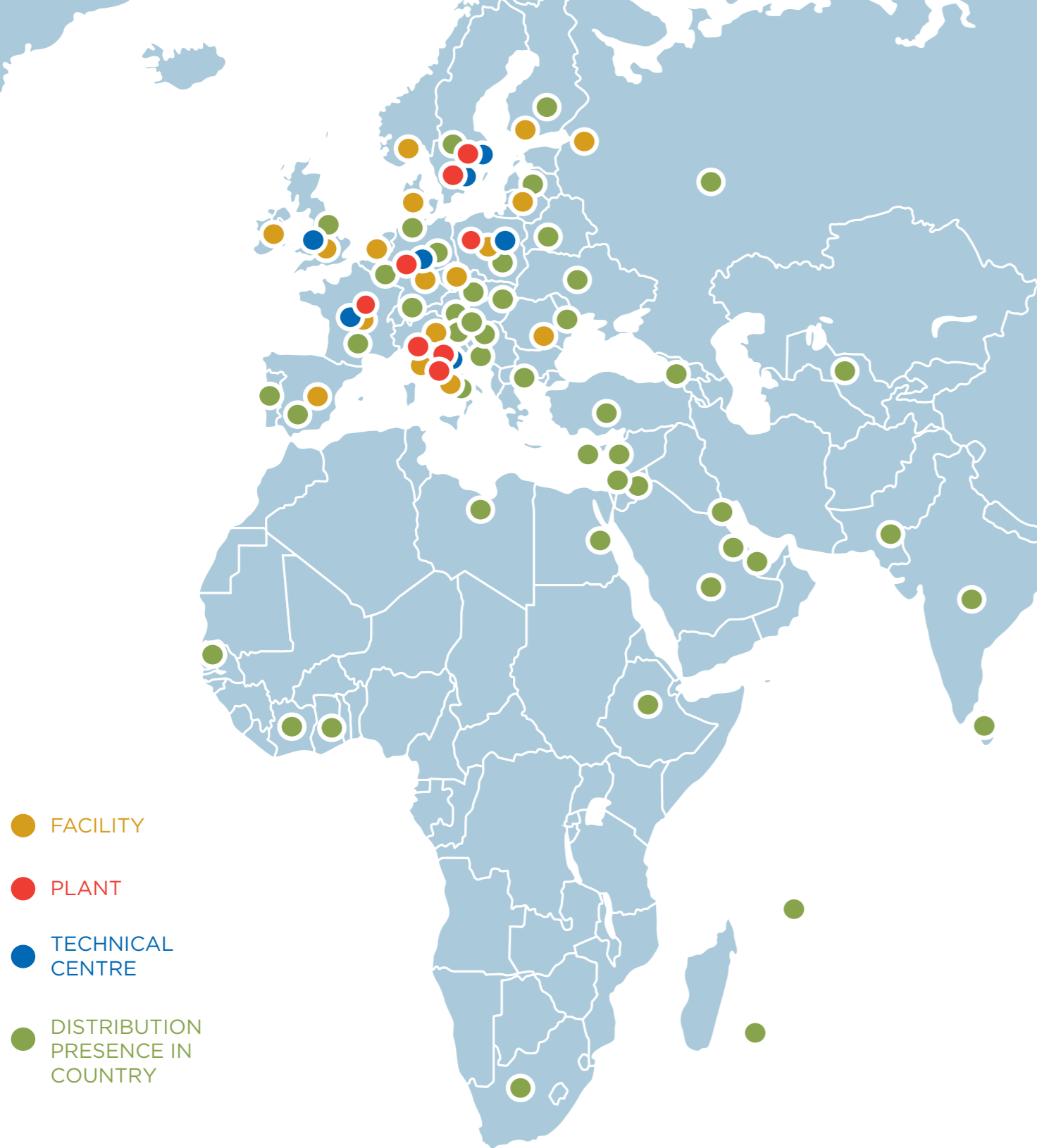
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Solvent borne pigmented products								
Vindu Prime	DF1346	Two component acid catalyst primer for exterior doors and door frames. Meet high demands such as high build and appearance.	72	359	flat	-	HPS - ES	1
Care Top	DH1337	Two component solvent borne acid catalyst topcoat with hardness in combination with flexibility designed for exterior doors and door frames.	69 - 76	292 - 322	30, 50	white, clear	HPS - ES	1
Reafen Top	TH0216	Two component PU multi coat for use on exterior joinery. High build, toughness and durability. Can be tinted using standard pigment pastes.	65-70	300 - 400 depending dilution and colour	20, 30, 40	white, clear	HPS	5
Reafen Proof	TF1808	Two component solvent borne PU primer for exterior doors and windows with excellent knot yellowing resistance and meet high demands such as high build and appearance.	72	398	flat	-	HPS	1, 4, 5
Reafen Proof	TF1814	Solvent based pigmented 2k PU primer for HDF doors. Optimised drying and eliminates fibre raising.	72-74	407	N/A	white	HPS	1
Reafen Top	TH1850	PU solvent borne topcoat for window fittings and other exterior wooden surfaces. Meet high demands such as high build, toughness and appearance.	60 - 69	424 - 456	20, 50	white, clear	HPS	1, 4, 5
Solvent borne sealer								
Vindu Seal	AA136	Solvent borne sealer for dipping of exterior constructions, has very good penetration into the wood. Gives very slight grain raising, reduces moisture absorption and grain raising with the following layers.	16	585	-	-	LPS - DI	4, 5

GLOBAL SOLUTIONS DELIVERY LOCALLY



Benefit from global solutions delivered with the confidence of local support.

Manufacturing is global and so are we. Whether or not your business is multinational, you'll benefit from our global technology, product availability, inventory management, colour and product consistency and expertise across your value chain.

When you rely on us for your finishing needs, you'll experience the personalised support of a local partner backed by the powerful resources of a global leader.

Our local sales and technical representatives are dedicated to serving your business to align our products and solutions with your needs, no matter where you're located.

EXTERIOR BUILDING PRODUCTS

PRODUCT SELECTION GUIDE

SHERWIN-WILLIAMS - YOUR COATING SOLUTIONS PARTNER

The Sherwin-Williams Company (SHW), through its Performance Coatings Group Division, is an industrial coatings leader that delivers local finishing solutions on a global scale to OEMs and tier suppliers.

Comprised of coatings professionals dedicated to providing unparalleled customer support, Sherwin-Williams brings value to the finishing process through solutions like on-site technical assistance, customized products, colour and design services, and process improvement expertise.

With innovative liquid and powder coating technologies to protect wood, metal and plastic, as well as finishing equipment and supplies needed for coatings application, Sherwin-Williams utilizes an infrastructure spanning six continents to provide better finishing solutions for manufacturers.

Since 1866, Sherwin-Williams has provided manufacturers and finishers with the coatings they need to make their products look better and last longer, while helping their operations meet productivity and sustainability goals. For the industrial wood and market, our innovative solutions go beyond coatings to include knowledge, tools, equipment, supplies, and industry-leading support.

We're more than a coatings provider - we are Your Coating Solutions Partner.