

SHERWIN-WILLIAMS®

Exterior

Product Selection Guide



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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 and fibre board

Application

Dipping, flow-coat, spraying, high-speed bell and electrostatic application

Sherwin-Williams Waterborne & Waterborne-UV products



Product name	Product family	Description
Water borne pigmented products		
Laqvin Seal	AA1950	Preservative approved for protection of wood aimed for exterior use, approved for protection against wood rot. Approval for each country is needed. The product also improves the dimension stability of the wood.
Laqvin Prime	ED1401	Primer for finishing of windows, doors and other exterior surfaces. The primer has fast drying.
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.
Laqvin Proof	KF1640	Two component primer to stop discoloration from knots and other substances causing discoloration. Adhesion and film build is excellent on most substrates. Slow drying.
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. Needs to be fully dried before overcoating.
Laqvin Fast Dry Prime	ED1440	Hybrid primer for industrial application of cladding surfaces. Fast drying product for improved productivity. Has very good adhesion to the wood should be overcoated in factory or after installation.
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.
Laqvin Top	EG1509	Waterborne topcoat for exterior finishing. EG1509 is designed for doors, alu/wood windows and exterior door frames made of pine wood. It provides a very good and fast stackability, good scratch and early water resistance. ED1401 or ED1423 should be used as a primer.
Laqvin Fast Dry Top	EG1540	Topcoat intermediate for industrial application of cladding/facades. Fast drying product with very good stackability properties.
Laqvin Fast Dry Combi	EG1545	Combi product for cladding/facade surfaces to be applied industrial.
Laqvin Top	EG1501	Topcoat with excellent exterior properties, designed to be used for windows.
Waterborne-UV pigmented products		
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.
Laqvin Fast Dry UV	WH1560	Intermediate fore exterior cladding/facades made from pine and spruce. Characteristic for this topcoat/intermediate is very fast drying and excellent stackability.

Application methods:

LPS - Low pressure spraying
 HPS - High pressure spraying
 CC - Curtain coater
 ES - Electrostatic application
 RC - Roller coater

VC - Vacuum coater
 FC - Flox coat
 DI - Dipping
 BM - Brush machine

Substrates:

1 - MDF - HDF
 2 - Chipboard
 3 - Melamine covered chipboard
 4 - Hard wood
 5 - Soft wood
 6 - UV-primer or sealer
 7 - AC-primer

	Solid content %/weight	VOC g/lit	Glosses	Bases	Application method	Substrate
	5	18	–	–	FC - DI	4, 5
	30 - 56	22- 38	matt	clear	HPS - FC - DI	1, 4, 5
	52	24	matt	–	HPS	1, 4
	49	41	blank	–	HPS	1, 4, 5
	48 - 53	7-8	matt	white, clear	BM - HPS	5
	48	18	matt	white, clear	BM - HPS	5
	40 - 49	26 - 35	20 - 70	white, clear	HPS	1, 4 - 5
	41 - 52	18 - 33	20 - 30	white, clear	HPS	1
	50	9	20	white, clear	BM - HPS	1, 4 - 5
	49	9	20	white, clear	BM - HPS	1, 4 - 5
	36 - 52	13 - 22	30 - 40	white, clear	HPS	1, 4 - 5
	49	28	20 - 30	–	HPS	1
	50	22	20	–	HPS	4 - 5

Sherwin-Williams Waterborne products



Product name	Product family	Description
Water borne stains and clear products		
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 flat look even on greasy substrates.
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.
Laqvin Clear	EM1401	Lacquer for exterior finishing, designed for windows, doors and other wooden surfaces.
Laqvin Clear	EM1472	One component waterborne lacquer for outdoor joinery. Fast drying with production and environmental advantages. Newly treated surfaces may be stacked very shortly after drying.



Application methods:

- LPS - Low pressure spraying
- HPS - High pressure spraying
- CC - Curtain coater
- ES - Electrostatic application
- RC - Roller coater
- VC - Vacuum coater
- FC - Flox coat
- DI - Dipping
- BM - Brush machine

Substrates:

- 1 - MDF - HDF
- 2 - Chipboard
- 3 - Melamine covered chipboard
- 4 - Hard wood
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- 6 - UV-primer or sealer
- 7 - AC-primer

	Solid content %/weight	VOC g/lit	Glosses	Bases	Application method	Substrate
	8	13	–	clear	FC - DI	1, 4 - 5
	35 - 42	29 - 42	–	clear	FC - DI	1, 4 - 5
	33 - 43	38 - 63	10 - 30	clear	HPS - FC - DI	1, 4 - 5
	40 - 42	30	30 - 55	clear	HPS	1, 4 - 5

Sherwin-Williams Solvent borne products



Product name	Product family	Description
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.
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.
Care Top	DH1337	Two component solvent borne acid catalyst topcoat with hardness in combination with flexibility designed for exterior doors and door frames.
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.
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.



Application methods:

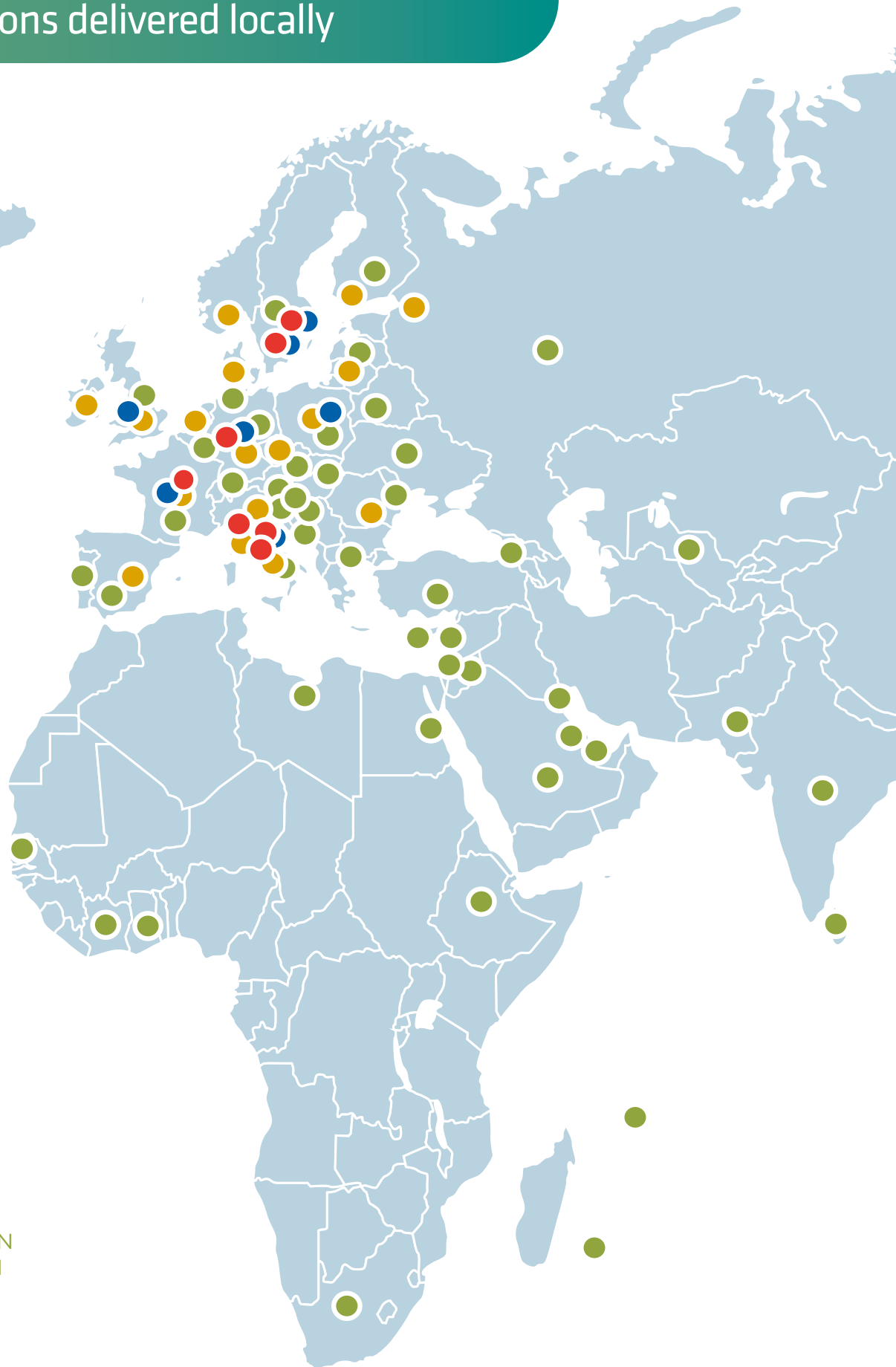
LPS - Low pressure spraying
 HPS - High pressure spraying
 CC - Curtain coater
 ES - Electrostatic application
 RC - Roller coater
 VC - Vacuum coater
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Substrates:

1 - MDF - HDF
 2 - Chipboard
 3 - Melamine covered chipboard
 4 - Hard wood
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 6 - UV-primer or sealer
 7 - AC-primer

	Solid content %/weight	VOC g/lit	Glosses	Bases	Application method	Substrate
	72	359	matt	–	HPS - ES	1
	72	398	matt	–	HPS	1, 4 - 5
	69 - 76	292 - 322	30, 50	white, clear	HPS - ES	1
	60 - 69	424 - 456	20, 50	white, clear	HPS	1, 4 - 5
	16	585	–	–	LPS - DI	4 - 5

Global solutions delivered 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.

Sherwin-Williams – Your Coating Solutions Partner

The Sherwin-Williams Company (SHW), through its Product Finishes 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.

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