

# SHERWIN-WILLIAMS®

SHERWIN-WILLIAMS - YOUR COATING  
SOLUTIONS PARTNER FOR ACCOYA®  
WOOD & TRICOYA® PANELS



accoya®

tricoya®



Accoya® wood is created from readily available, sustainably sourced, non-durable woods that are modified to match or exceed the durability, stability and beauty of the very best tropical hardwoods. Manufactured using Accsys' proprietary acetylation process, Accoya® wood is durable, stable and guaranteed for 50 years above ground and 25 years in ground or freshwater. Accoya® also has the very best environmental credentials, acquiring Cradle to Cradle<sup>SM</sup> Certification at the elusive

C2C Gold Level, and a C2C Platinum Level recognition for the most important C2C sustainable category; Material Health. A new world of high performance, beautiful, sustainable, low maintenance products - including windows, doors, decking and cladding is opened up by Accoya® wood.



Tricoya® is a completely new, high performance MDF panel product. It demonstrates outstanding durability and dimensional stability in the most extreme and challenging environments - both exterior as well as interior, wet and high moisture applications. The product uses proprietary acetylated wood technology and a modified MDF manufacturing process to create a wood panel product with outstanding durability and stability.



## SHERWIN-WILLIAMS: YOUR COATING SOLUTIONS PARTNER

The Sherwin-Williams Company, through its Performance Coatings Group, is an industrial coatings leader that delivers local finishing solutions on a global scale. Sherwin-Williams is now proud to offer specially selected products for use in partnership with Accoya® and Tricoya® acetylated timber products.

Extensive testing of Sherwin-Williams coatings at Accsys' bespoke exposure site on both Accoya® and Tricoya® has delivered superb performance. In an extended EN927-3 test now approaching three years, a variety of Sherwin-Williams products including pigmented and translucent systems display no signs of deterioration on these dimensionally stable substrates.

These results are backed up with independent certification including EN927-2 and with our own internal assessments. EN927-2 comprises Part 3: External weathering and Part 5: Liquid water permeability. Internal assessments include nf297 Gardner Wheel; EN927-6 QUV accelerated weathering, EN927-3 natural weathering, APA accelerated cold check weather test.

The dimensional stability of Accoya® is a key characteristic for long lasting exterior durability. The resulting reduction in season related timber movement stresses compared to solid timbers means that coatings last longer, extending warranties and redecoration periods. Extended warranties are available for both pigmented and translucent Sherwin-Williams exterior coating systems on Accoya® and Tricoya® for audited customers. Such warranties are subject to Sherwin-Williams standard warranty recommendations, terms & conditions, the terms of which can be made available on request.

**Pigmented systems: 12 year warranty**

**Translucent systems: 10 year warranty**

For long lasting exterior joinery and cladding, Accoya® and Tricoya® combined with Sherwin-Williams industrial coatings produces high quality exterior joinery.

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



## SHERWIN-WILLIAMS COATING SYSTEMS FOR ACCOYA® & TRICOYA®

Product Type	Product Code	Product Name	Product Information	Typical appl'n weight	Accoya®	Tricoya®
Joinery Blocking Primer	ED1401-9501	Laqvin Proof	Thixotropic pigmented basecoat with excellent insulating properties against extractive tannins.	150-200 g/m <sup>2</sup>	✓	✓
Joinery Exterior Topcoat	EG1598	Laqvin Top	Waterborne topcoat for exterior finishing, designed for windows and other wooden surfaces for exterior. Excellent anti-sag, drying and stacking properties. Produces superb final surface.	150-200 g/m <sup>2</sup>		
Cladding Combi-topcoat	EG1544	Laqvin Fast Dry Combi	Combi product for industrial application to cladding/façade surfaces. Can be used to produce semi and fully finished cladding.	2 x 150-200 g/m <sup>2</sup>		✓
Cladding primer	ED1440	Laqvin Fast Dry Prime	Hybrid primer for industrial cladding production. Fast drying product for improved productivity with very good adhesion. Should be overcoated in factory or after installation.	150-200 g/m <sup>2</sup>		✓
Cladding WB Topcoat	EG1540	Laqvin Fast Dry Top	Intermediate/topcoat for exterior cladding/facades made from pine and spruce. Very fast drying and excellent stackability.	125-175 g/m <sup>2</sup>		
Cladding primer	ED1440	Laqvin Fast Dry Prime	Hybrid primer for industrial cladding production. Fast drying product for improved productivity with very good adhesion. Should be overcoated in factory or after installation.	150-200 g/m <sup>2</sup>		✓
Cladding WB UV Topcoat	WH1560	Laqvin Fast Dry UV Top	Waterbased UV Intermediate/topcoat for exterior cladding/façades made from pine and spruce. Very fast drying and excellent stackability.	125-175 g/m <sup>2</sup>		
Joinery Base stain	ED0452	Laqvin Proof	Water-based protective wood stain characterised by high harmonizing power.	N/A	✓	
Joinery Midcoat	EL0790	Laqvin Clear	Thixotropic basecoat particularly suitable for the automatic sanding. Excellent pore wetting properties to provide a continuous protective barrier for subsequent coats.	Optional		
Joinery Topcoat Lacquer	EM06XX*	Laqvin Clear	A translucent topcoat with excellent water and humidity resistance, and high wettability. It exhibits good flow and transparency. The presence of UV absorbers allows protection from the sun.	2 x 150 g/m <sup>2</sup>		

\*EM06XX range is available as clear base for tinting or bespoke standard colours.

## ANCILLARY PRODUCTS AND FINISHING RECOMMENDATIONS

Particular attention must be made to joint construction and end grain for joinery constructed using Accoya® and Tricoya® to prevent moisture ingress in these areas.

- It is recommended that joints be glued using gap filling adhesive such as expanding moisture cure PU or Modified Silicone Polymers (MSP).
- All exposed end grain must be sealed with bespoke end grain sealer by brush application prior to application of industrial coatings.
- Note: For translucent finishes end grain sealing must be made after application of the base stain to ensure colour harmonisation.
- V-joints must be sealed using bespoke sealer.
- All fixings and hardware should be made from stainless steel.
- Joinery design should be made to ensure no pooling of water.

## SHERWIN-WILLIAMS ANCILLARY PRODUCTS

Product Type	Product Code	Product Name	Product Information
End grain sealer	EK4240	Laqvin Seal	Clear waterbased
V-joint Sealer	EK4250-9001	Laqvin Seal	White waterbased
V-joint Sealer	EK4270	Laqvin Seal	Clear waterbased

For further information on ancillary products please contact your local Sherwin-Williams representative.





## SHERWIN-WILLIAMS: EXTERIOR COATING SYSTEMS

Strong and beautiful, exterior coating solutions from Sherwin-Williams enhance exterior building products. With durable finishes that are resistant to sunlight, moisture and harsh temperatures, our products provide lasting protection.

Whether it be for windows, doors, garden furniture, cladding or many other types of exterior building materials, each face the toughest of environmental conditions. Superior protection for outdoor building materials is required to maintain lasting integrity and aesthetics. Our offering of waterborne and solvent-based technologies produce beautiful surfaces as well as providing manufacturers with 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 worldwide.

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

### PRIME BENEFITS

- Knot yellowing resistance
- High durability
- Enhanced UV protection
- Gloss stability
- Excellent application and drying properties

### PRODUCT TYPES

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

### PRODUCT TYPES

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

### SUBSTRATES

- Softwood, hardwood, modified timbers and fibreboard

### APPLICATION

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

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The mark of  
responsible forestry

