

SAYERLACK UV COATINGS

COMPLETE FINISHING SYSTEMS FOR INDUSTRIAL WOOD APPLICATIONS

SAYERLACK
INNOVATIVE WOOD SOLUTIONS

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Sayerlack UV technologies offer a comprehensive portfolio of products developed for industrial flat-line finishing, combining productivity, flexibility and consistent quality across a wide range of furniture and interior applications.

Designed to meet the requirements of modern manufacturing processes, the range includes solutions for transparent and white systems, matt and high-gloss finishes, and both spray, roller and extruder applications.

The Sayerlack UV range supports manufacturers throughout every stage of the finishing process, from substrate preparation and priming to sealing and final topcoating, delivering excellent aesthetic results together with outstanding mechanical and chemical performance.

Main Applications

- Veneered panels
- MDF
- Melamine Paper
- ABS

Available Systems

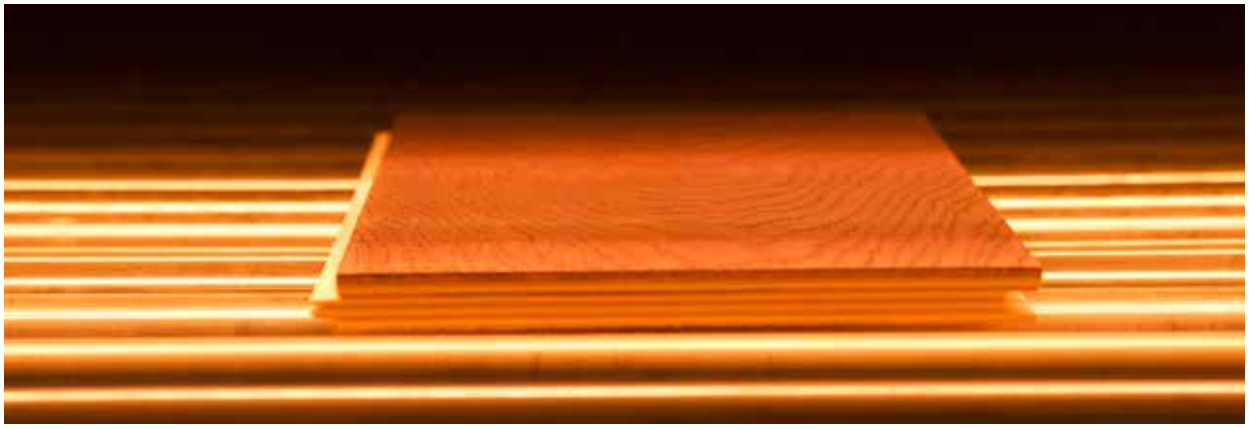
- **Clear Matt** Natural-effect transparent finishes with excellent clarity, uniform appearance and surface protection.
- **Clear High-Gloss** High-build systems designed to achieve exceptional gloss, depth and distinctness of image.
- **White Matt** Pigmented UV solutions offering high coverage, excellent opacity and modern ultra-matt aesthetics.
- **White High-Gloss** Premium white finishing systems delivering outstanding brilliance, smoothness and long-lasting gloss retention.

Application Technologies

- Spray
- Roller
- Extruder

Why Choose Sayerlack UV Systems

- High production efficiency
- Fast curing processes
- Excellent surface durability
- Consistent finish quality
- Reduced process times
- Complete finishing systems from primer to topcoat





UV WATER-BASED COATINGS SPRAY APPLICATION

Water-based UV technology brings together the sustainability of water-based coatings, the productivity of UV curing systems, and the flexibility of spray application. The result is premium finishing quality, low VOC emissions, rapid processing, and outstanding mechanical performance.

RAL8083/13 PREMIUM UV WATER-BASED PRIMER FOR MDF

RAL8083/13 is a one or two-pack high-build water-based UV primer developed for premium MDF doors and cabinet doors. It combines excellent hiding power with outstanding sanding properties, creating a smooth and uniform surface for high-quality pigmented finishes. Its fast water release capability helps improve productivity while maintaining excellent finishing performance.

FEATURES	BENEFITS
Excellent hiding power	Uniform substrate coverage and reduced fiber visibility
Superior sandability	Easier preparation and improved surface quality
High build	Premium appearance and finishing performance
Fast water release	Reduced drying times and improved productivity

RAL5937/13 FAST DRYING UV WATER-BASED PRIMER FOR MDF PROFILES

RAL5937/13 formulation provides excellent opacity and sandability while significantly reducing drying times, enabling high-productivity finishing lines equipped with compact drying tunnels. Its robust drying behaviour prevents common defects associated with aggressive drying conditions, ensuring consistent performance even on intricate door profiles and complex geometries.

FEATURES	BENEFITS
Fast Drying Technology	Increased line speed and productivity
Excellent Profile Coverage	Uniform coating on routed surfaces
High Opacity	Effective MDF fibre masking
Excellent Sandability	Smooth base for topcoat application

ARG5902/13 UV BIO WHITE UV WATER-BASED TOPCOAT

ARG5902/13 is a two-pack BIO-based UV topcoat developed for furniture components and melamine-faced substrates. It provides a high-quality white finish and can also be tinted to produce pastel shades and customized colours, supporting both sustainability goals and colour matching requirements.

FEATURES	BENEFITS
BIO Renewable Content	Supports sustainable manufacturing
Excellent White Base	Ideal for white and pastel colours
Colour Matching Capability	Can be tinted for custom colours and pastel shades
Direct-to-Melamine Application	Simplified coating process and lower production costs

ARB1215/NN BIO-BASED NEUTRAL UV WATER-BASED TOPCOAT

ARB1215/NN is a two-pack transparent BIO-based UV coating designed as a neutral base for colour development. It offers maximum flexibility for colour matching programs and allows manufacturers to create a broad range of customised finishes starting from a single product platform.

FEATURES	BENEFITS
Neutral Colour Base	Maximum colour flexibility
Colour Matching Capability	Easy development of custom colours
BIO Renewable Content	Improved sustainability profile
Direct-to-Melamine Application	Simplified coating process and lower production costs

AR6510/BB UV WATER-BASED TOPCOAT FOR FAST DRYING SYSTEMS

AR6510/BB is a one-pack water-based topcoat developed for high-productivity coating lines where speed and efficiency are essential. Suitable for MDF doors and profiled components, it can also be tinted to achieve customer-specific colours, providing both operational efficiency and design flexibility.

FEATURES	BENEFITS
Fast-Curing System	Supports high production throughput
Colour Matching Capability	Custom colours and standards
Consistent Surface Quality	Uniform appearance and finish
Flexible Design Options	Wide range of colour possibilities

RA0083/00 UV WATER-BASED TRANSPARENT SEALER

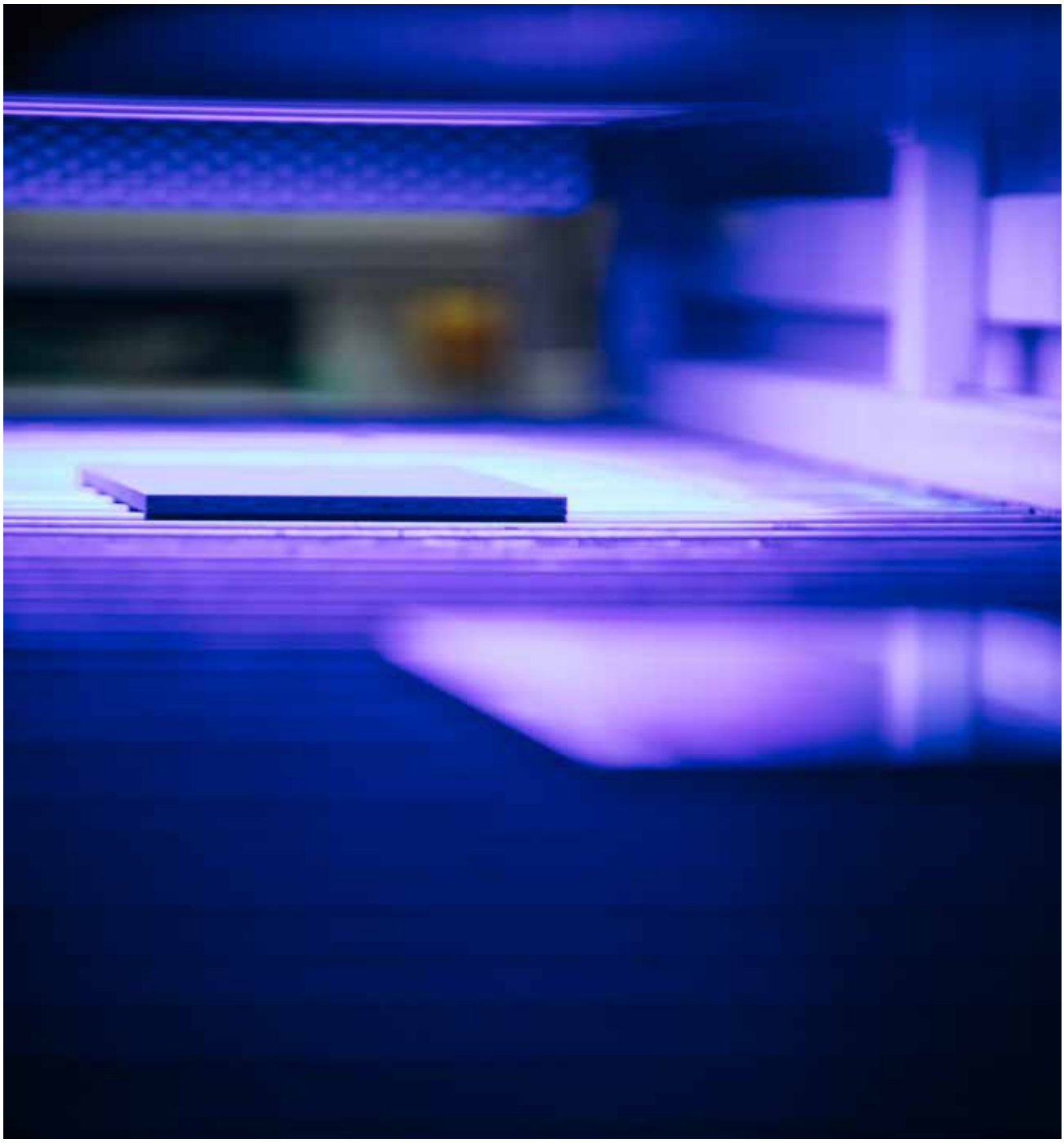
RA0083/00 is a versatile one-component UV sealer suitable for veneer and solid wood substrates. Its excellent wetting and sanding properties make it particularly effective for closed-pore systems, delivering consistent performance and efficient processing.

FEATURES	BENEFITS
Excellent Wetting	Improved substrate penetration
Outstanding Sandability	Higher quality finish
Versatile Application	Suitable for multiple finishing systems
Fast UV Process	Improved manufacturing efficiency

AR66XX/00 UV WATER-BASED CLEAR SELF-SEALING LACQUER

AR66XX/00 is a premium one-pack clear UV coating that can be used both as a sealer and as a finishing lacquer. It combines excellent hardness and wear resistance with a natural wood appearance, making it ideal for high-quality interior doors, cabinet doors and furniture components. Available in a wide range of gloss levels.

FEATURES	BENEFITS
Natural Wood Enhancement	Superior pore definition and aesthetics
Self-Sealing Capability	Simplified inventory and application
Design Flexibility	Available in multiple gloss levels



COATING SYSTEMS
SPRAY APPLICATION

PIGMENTED - MATT

COATING SYSTEM	TARGET APPLICATION	PRIMER	TOPCOAT
High Quality 2K Pigmented System for MDF	Doors and Cabinet Doors	RAL8083/13	ARG5902/13 or ARB1215/NN + Paste
Fast Drying Pigmented System for MDF	Doors and Profiled Components	RAL5937/13	AR6510/BB
Pigmented System on Melamine Paper	Furniture Components	-	ARG5902/13 or ARB1215/NN + Paste

CLEAR - DIFFERENT GLOSS LEVELS

COATING SYSTEM	TARGET APPLICATION	PRIMER	TOPCOAT
Open-pore on veneer or solid wood	Doors and Cabinet Doors	AR66XX/00	AR66XX/00
Closed-pore on veneer or solid wood	Doors and Cabinet Doors	RA0083/00	AR66XX/00



UV SOLVENT-BASED COATINGS SPRAY APPLICATION

UV solvent-based technology combines the application flexibility of spray coatings with the productivity advantages of UV curing. It is particularly suitable for cabinet doors, interior doors, routed MDF components and pantographed furniture parts where complex geometries require spray application. These systems provide excellent flow and levelling, high chemical. and physical resistance, immediate handling and stackability after curing and the production speeds typically associated with UV technologies. Compared with Water-based UV systems, Solvent-based UV products contain VOCs but offer outstanding application versatility on complex shapes.

RX7080/00 ADHESION PROMOTING ADDITIVE

Improves adhesion on difficult substrates such as melamine papers and decorative surfaces. Designed to be added to UV primers and topcoats, it increases coating anchorage and improves overall process reliability.

FEATURES	BENEFITS
Improved adhesion	Enables coating of melamine-faced substrates
Easy mixing	Easy integration in existing systems

RUO3280/13 PREMIUM UV POLYESTER PRIMER

High hiding polyester UV primer developed for MDF applications. Delivers excellent filling properties, outstanding sanding behaviour and a smooth uniform base for premium pigmented finishing systems.

FEATURES	BENEFITS
High hiding power	Higher quality finish
Excellent filling	Superior finish quality on pantographed and textured MDF
Superior sandability	Faster surface preparation and higher quality finish, including high-gloss systems
Cost effective	Improved process efficiency and reduced finishing costs

RUO3597/13 HIGH BUILD ACRYLIC UV PRIMER

White UV acrylic primer combining excellent opacity, good build and easy sanding. Developed for industrial furniture production requiring consistent quality and efficient processing.

FEATURES	BENEFITS
Good build	Higher quality finish
Excellent opacity	Optimal edge coverage, reducing the risk of oversanding during surface preparation
Easy sanding	Faster surface preparation and higher quality finish, including high-gloss systems

RUO8016/13 READY-TO-USE UV ACRYLIC PRIMER

Ready-to-use acrylic primer offering high hiding power and efficient processing. Suitable for furniture and cabinet door applications requiring productivity and simplicity.

FEATURES	BENEFITS
Ready to use	Faster application and reduced risk of preparation errors
High hiding power	Optimal edge coverage, reducing the risk of oversanding during surface preparation

RU7579/00 UNIVERSAL DUAL-CURE SEALER

Non-yellowing acrylic Dual-Cure sealer for both open and closed pore systems. Excellent transparency and sanding characteristics make it ideal for veneer and solid wood finishing.

FEATURES	BENEFITS
Non-yellowing	Long-lasting clear finish with preserved natural wood appearance
Excellent transparency	Enhanced wood grain visibility even on dark veneer
Easy sanding	Faster surface preparation and improved finishing efficiency
Open and closed-pore flexibility	Versatile finishing solutions for a wide range of aesthetic requirements

IO3609/13 PREMIUM MATT WHITE UV TOPCOAT

Dual-cure matt white UV topcoat 20 gloss delivering superior hiding power, excellent smoothness and uniform matting for furniture and cabinet door applications.

FEATURES	BENEFITS
Superior hiding power	Excellent substrate coverage for a uniform finish
Excellent smoothness	Superior surface quality
Uniform matting	Consistent matt appearance across the entire surface
Fast UV productivity	Higher production throughput through reduced curing times

RLO3508/68 PREMIUM HIGH GLOSS WHITE UV TOPCOAT

High gloss white UV topcoat combining exceptional hardness, excellent flow and premium gloss development for demanding furniture finishes.

FEATURES	BENEFITS
Excellent flow	Excellent surface levelling for a premium high-gloss finish
High-gloss	Mirror-like appearance
Surface hardness	Improved scratch and wear resistance for long-lasting performance
Fast curing	Higher productivity and reduced risk of surface contamination during processing

RZ9120/00 OPEN PORE MATT UV LACQUER

Dual-Cure matt lacquer 20 gloss developed for open pore wood systems, combining UV productivity with a natural appearance, soft touch and uniform matt effect.

FEATURES	BENEFITS
Open-pore enhancement	Enhanced natural wood look with clearly visible grain texture
Soft-touch surface	Pleasant tactile experience with a premium feel
Uniform matt effect	Consistent matt appearance across the entire surface

RL8888/00 PREMIUM HIGH GLOSS CLEAR UV LACQUER

Premium acrylic Dual-Cure lacquer offering outstanding gloss, excellent flow and reduced yellowing tendency for luxury furniture finishes.

FEATURES	BENEFITS
Exceptional gloss	Premium mirror-like appearance with outstanding depth and brilliance
Excellent flow	Perfect surface levelling for a flat, mirror-like high-gloss finish
Reduced yellowing	Long-lasting colour clarity over time
Outstanding hardness	Superior resistance to scratches and wear for durable surface protection

RZ8203/XX ULTRA MATT EXCIMER TECHNOLOGY PLATFORM

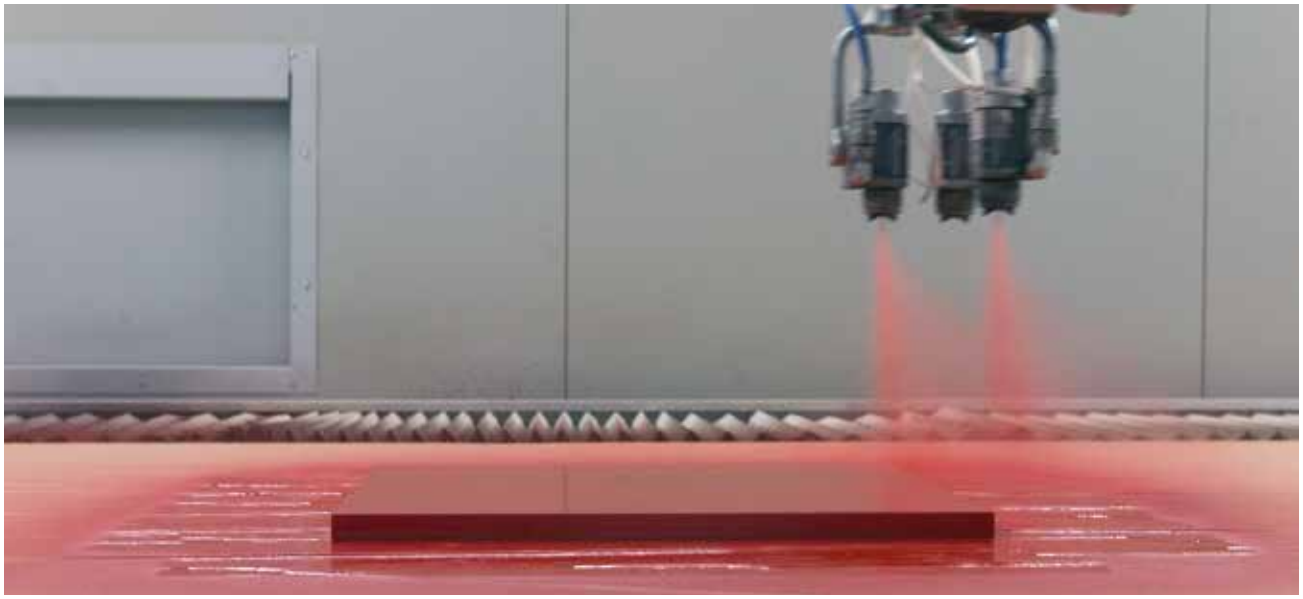
Available as RZ8203/00 Clear Ultra Matt Excimer Lacquer and RZ8203/13 White Ultra Matt Nano Excimer Topcoat. Developed for premium ultra matt surfaces, combining Dual-Cure and Nano Excimer aesthetics with outstanding scratch, mar, chemical and light resistance.

FEATURES	BENEFITS
Nano Excimer ultra matt finish	Velvet-like ultra-matt surface with exceptional visual depth
Outstanding scratch resistance	Long-lasting surface beauty with enhanced protection against scratches
Outstanding mar resistance	Preserves the original appearance by minimizing visible marks and abrasions
Chemical resistance	Easy maintenance and durable protection against household chemicals and cleaning agents

RU5120/XX DUAL-CURE SELF-SEALING LACQUER AND TOPCOAT PLATFORM

Available as RU5120/00 Clear Dual-Cure Self-Sealing Lacquer and RU5120/13 White UV Self-Sealing Topcoat. Designed for simplified finishing systems offering excellent levelling, hardness, uniformity and inventory reduction.

FEATURES	BENEFITS
Self-sealing technology	Simplified coating process with reduced application steps and lower production costs
Excellent levelling	Perfectly smooth surface for a premium finish quality
Outstanding hardness	Long-lasting protection against scratches, wear and daily use



COATING SYSTEMS
SPRAY APPLICATION

PIGMENTED

COATING SYSTEM	TARGET APPLICATION	PRIMER	TOPCOAT
Matt Pigmented System High Quality MDF**	For Doors and Cabinet Doors	RUO3280/13*	IO3609/13
Glossy Pigmented System High Quality MDF**	For Doors and Cabinet Doors	RUO3280/13*	RLO3508/68
Ultra Matt Excimer Pigmented System**	For Doors and Cabinet Doors	RUO3280/13*	RZ8203/13
MDF or Veneer open pore**	For Doors and Cabinet Doors	RU5120/13	RU5120/13

Notes:

*The number of coats may vary. RUO3280 may be replaced by RUO3597 or RUO8016.

**Add RX7080/00 up to 5% on difficult melamine papers.

CLEAR

COATING SYSTEM	TARGET APPLICATION	SEALER	LACQUER
Open pore veneer/wood Matt*	Doors and Cabinet Doors	RU7579/00	RZ9120/00
Closed pore veneer/ wood Matt	Doors and Cabinet Doors	RU7579/00 2 coats	RZ9120/00
Open pore veneer/wood Ultra Matt Excimer*	Doors and Cabinet Doors	RU7579/00	RZ8203/00
Closed pore veneer/ wood Ultra Matt Excimer	Doors and Cabinet Doors	RU7579/00 2 coats	RZ8203/00
Closed pore veneer/ wood Glossy*	Doors and Cabinet Doors	RU7579/00 2 coats	RL8888/00
Easy System*	Cabinet Doors	RU5120/00	RU5120/00

Note:
*Add RX7080/00 up to 5% on difficult melamine papers.



UV 100% SOLID COATINGS ROLLER / EXTRUDER APPLICATION

100% Solids UV technology is the ideal solution for **flat panels, veneered substrates, melamine-faced boards, ABS and profiles** processed using Roller Coater, Reverse Roller, Laser Roller and Extruder application systems. It is designed to maximise efficiency, line speed, surface quality and overall productivity. For complex profiles, undercut geometries or three-dimensional components, Water-based UV and Solvent-based UV systems continue to provide outstanding performance while offering greater application flexibility through spray application.

RU7676/13 HIGH-BUILD WHITE UV BASE-COAT DEVELOPED FOR MDF AND SHAPED SURFACES

Designed for application by Soft Roller, it provides excellent coverage, outstanding sandability and a uniform surface finish.

FEATURES	BENEFITS
Ready to use	Faster application and reduced risk of preparation errors
Suitable for engraved MDF doors	Broader range of production applications

RU7613/13 UNIVERSAL WHITE UV BASE-COAT FOR MDF, CHIPBOARD AND MELAMINE-FACED SUBSTRATES

Suitable for application by Roller Coater, it combines excellent coverage, good flow and levelling, and ease of processing to be applay over an other layer of paint like insulator or primer.

FEATURES	BENEFITS
Flexible use	Suitable for many different substrates
Possibility to apply in thick layers	Fewer coating passes required, reduced equipment utilization, shorter production lines, and faster application

RUO3487/00 TRANSPARENT UV PRIMER FOR SANDED MELAMINE-FACED SUBSTRATES

Applied by Roller Coater, it enhances adhesion and prepares the substrate for subsequent UV coating layers.

FEATURES	BENEFITS
Good adhesion on melamine paper	Reliable adhesion on melamine papers slighty sanded
Complete UV cure and excellent sandability	Immediate topcoating after sanding, helping to shorten processing times and improve productivity
Good adhesion on melamine paper	Enhanced process reliability with a lower risk of defects or delamination

RU5912/00 UV PRIMER FOR FINISHED OR PRINTED MELAMINE-FACED SUBSTRATES

Ideal when sanding is not possible, it ensures reliable adhesion and seamless integration into the coating process.

FEATURES	BENEFITS
Good adhesion on melamine paper	Reliable adhesion even on printed melamine papers or surfaces that cannot be sanded
Excellent wetting	Delivers superior substrate wetting and penetration, helping resolve adhesion and isolation issues on porous and difficult wood species

RUS3038/00 TRANSPARENT ADHESION PRIMER FOR VENEERS AND CHALLENGING SUBSTRATES

Applied by filler machine, it provides excellent flexibility and outstanding adhesion, ensuring reliable performance on demanding surfaces.

FEATURES	BENEFITS
Excellent UV reactivity	Delivers outstanding adhesion and fast UV curing, even on porous and challenging wood species
Excellent wetting	Delivers superior substrate wetting and penetration, helping resolve adhesion and isolation issues on porous and difficult wood species

RU5925/00 TRANSPARENT UV PUTTY FOR OPEN-PORE SYSTEMS

Applied by Roller Coater, it preserves the natural appearance of the wood.

FEATURES	BENEFITS
Excellent adhesion on resinous wood	Reduces the risk of adhesion failures and coating defects, improving process reliability and finished product quality
Natural open-pore appearance	Designed to preserve the natural look of wood while maintaining a well-defined open-pore effect
Versatile wood adhesion	One product for multiple wood species, reducing inventory complexity and operating costs
Specialised chemistry	Reduced odour and residual emissions for improved workplace comfort and product perception

RU5920/00 HIGH-BUILD TRANSPARENT UV PUTTY

Designed for open-pore systems and enhanced filling of surface imperfections.

FEATURES	BENEFITS
Open-pore effect	Preserves the natural texture and authentic appearance of wood
Easy sanding	Reduces preparation time and improves finishing efficiency
Matte transparency	Preserves the natural appearance of the wood while preventing pore glossing

RUS3082/68 HIGH-BUILD WHITE UV PRIMER

Suitable for application by Roller Coater and Reverse Roller on MDF and chipboard substrates.

FEATURES	BENEFITS
Ready-to-use	No mixing required, reducing preparation time and application errors
High-build	Excellent opacity helps reduce the number of coats and material consumption
Good filling	Smooths surface imperfections, creating a more uniform substrate

RU8514/00 HIGH-BUILD TRANSPARENT UV PRIMER

Designed for closed-pore finishing systems for application by Reverse Roller.

FEATURES	BENEFITS
Strong filling	Effectively fills pores and surface imperfections for a smoother finish
Application flexibility	Suitable for reverse roller application, enabling efficient industrial processing.

RU5904/00 TRANSPARENT UV SEALER FOR MELAMINE-FACED SUBSTRATES

Specifically developed for Laser Roller application. It offers excellent transparency and low yellowing.

FEATURES	BENEFITS
Crystal transparency	Preserves the original colour and design of white and coloured melamine papers
Decor preservation	Protects the visual quality of decorative melamine surfaces
Colour stability	Minimizes yellowing over time, helping preserve the original appearance
Excellent flow	Provides smooth film formation and excellent surface uniformity, optimized for efficient laser roller application

RUO2664/00 TRANSPARENT UV PRIMER FOR EXTRUDER APPLICATION

It provides excellent transparency, outstanding sandability and optimum profile preparation.

FEATURES	BENEFITS
Wood versatility	Suitable for stained substrates and various wood species, simplifying production
High transparency	Preserves stain definition and the natural beauty of the wood
Easy sanding	Faster processing and improved finishing efficiency

RU5635/13 WHITE UV BASE-COAT FOR VACUUM EXTRUDER AND EXTRUDER APPLICATION

Ideal for MDF profiles and shaped components.

FEATURES	BENEFITS
High-build	Excellent white coverage helps reduce the number of coats and improve process efficiency
MDF optimized	Reliable performance on MDF components and profiles
Easy sanding	Faster preparation and reduced labor time before topcoating

RZ51XX/00 CLEAR UV TOPCOAT

Clear topcoat family available in RZ5110/00 (10 gloss) and RZ5125/00 (25 gloss) versions. Suitable for application by Roller Coater.

FEATURES	BENEFITS
Mar resistance	Maintains surface appearance for longer
Chemical resistance	Improved durability against common household substances
Multiple gloss levels	Meets different aesthetic requirements while simplifying product selection

RZ96XX/00 PREMIUM CLEAR UV TOPCOAT

Premium clear topcoat family available in RZ9610/00 (10 gloss) and RZ9630/00 (30 gloss) versions. Developed for applications requiring outstanding transparency and uniform matting.

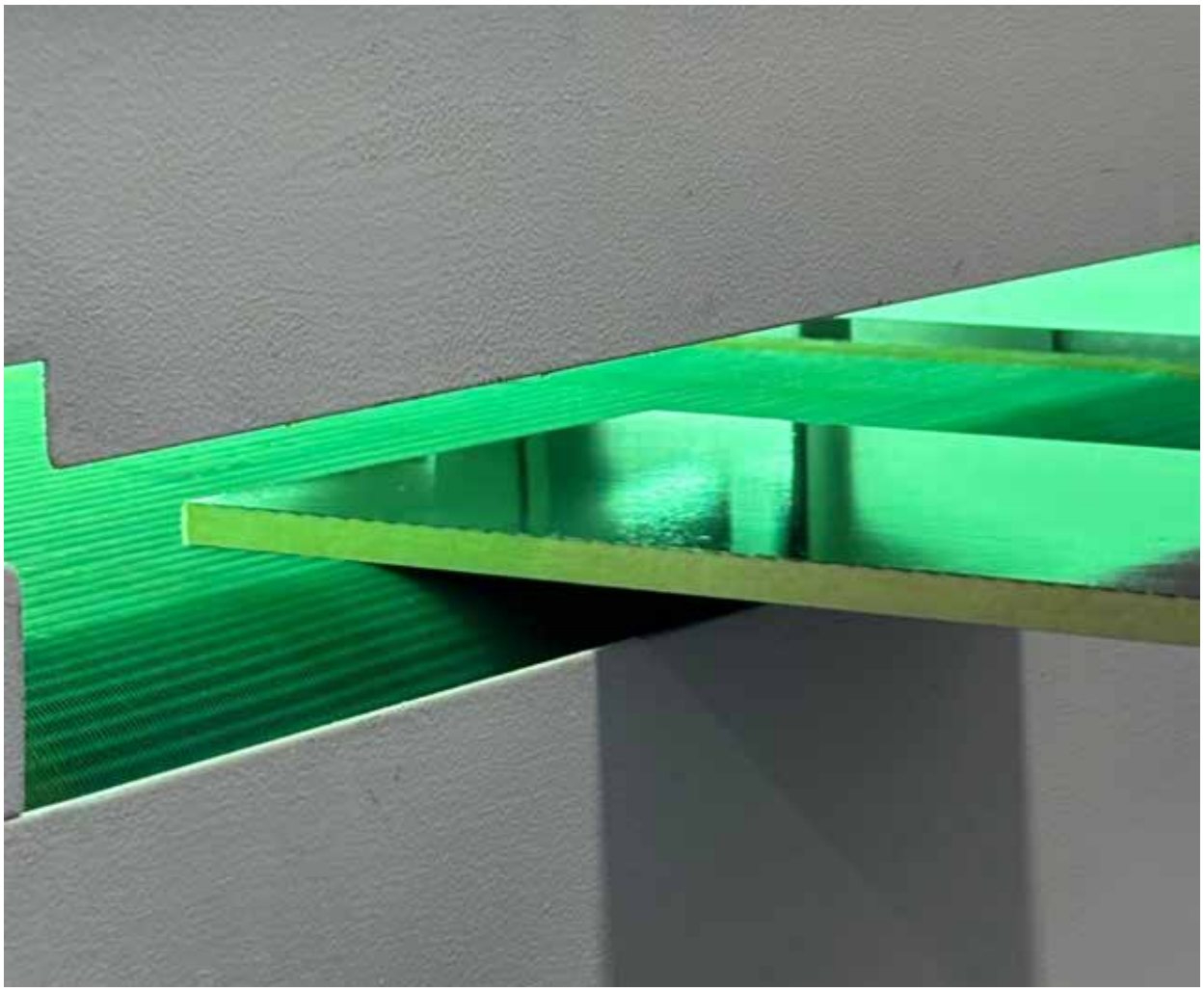
FEATURES	BENEFITS
Uniform matting	Consistent appearance across the entire surface with no gloss variation
Laser Roller ready	Engineered for laser roller application, enabling fuller and softer surface aesthetics
Multiple gloss levels	A single technology platform for different design requirements, reducing inventory complexity

RZ96XX/13 PREMIUM WHITE UV TOPCOAT

Premium white UV topcoat family available in RZ9610/13 (10 gloss) and RZ9630/13 (30 gloss) versions. Developed for Roller Coater and Laser Roller application, it delivers excellent white coverage, uniform matting and consistently high aesthetic quality.

FEATURES	BENEFITS
High-build	Excellent white coverage
Uniform matting	Consistent appearance across the entire surface
Laser Roller ready	Engineered for laser roller application, enabling fuller and softer surface aesthetics
Multiple gloss levels	A single technology platform for different design requirements, reducing inventory complexity





COATING SYSTEMS
ROLLER / EXTRUDER APPLICATION

WHITE

COATING SYSTEM	TARGET APPLICATION	ADHESION PRIMER	PUTTY	PRIMER	TOPCOAT
Priming MDF by Soft Roller	Shaker Doors with rounded edges			RU7676/13	
Matt smooth finishing on MDF by Filler machine	Doors and Panels		RUS3082/68	RU7613/13	RZ96XX/13
Matt smooth finishing on sanded easy-to-coat melamine paper by Roller	Doors and Panels	RUO3487/00		RU7613/13	RZ96XX/13
Matt finishing Melamine Paper by Roller	Doors and Panels	RU5912/00		RU7613/13	RZ96XX/13
Filling MDF and Chipboard by Extrusion	Cabinet Doors and Profiles			RU5635/13	

CLEAR

COATING SYSTEM	TARGET APPLICATION	ADHESION PRIMER	PUTTY	PRIMER	TOPCOAT
Matt open-pore veneer by Roller	Furniture and Doors			RU5925/00	RZ51XX/00
Matt closed-pore on veneer by Roller	High-end Furniture and Doors	RUS3038/00		RU8514/00	RZ96XX/00
Matt on sanded melamine paper by Roller	Furniture and Panels	RUO3487/00		RU5904/00	RZ51XX/00
Matt on melamine paper by Roller	High-end Furniture and Doors	RU5912/00		RU5904/00	RZ51XX/00
Matt on ABS by Roller	Edgebandigs				RZ51XX/00
Filling MDF and Chipboard by Extruder	Edges and Profiles of Doors and Cabinet Doors		RUO2664/00		



SAYERLACK®
INNOVATIVE WOOD SOLUTIONS

Sherwin-Williams Italy S.r.l.
Via del Fiffo 12 - 40065 Pianoro (BO) - Italia
Tel. +39 051 770511 - Fax +39 051 777437
export@sayerlack.it - www.sayerlack.com

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