



WATERBORNE ONE-PART COATING SYSTEM FOR INTERIORS

ONE-PART:
EASY TO APPLY

IMPROVED
CHEMICAL AND
PHYSICAL RESISTANCE

EXTREMELY
SMOOTH EFFECT

IMPROVED RESISTANCE
TO STAINS
AND CHEMICAL AGENTS



[HYDRO
PLUS]

 **SAYERLACK®**
INNOVATIVE WOOD SOLUTIONS



WATERBORNE ONE-PART

The refined lines of contemporary design stand out for their solid and concrete sobriety and a suppleness that, in line with housing developments, features increasingly multiform and multifaceted spaces, multi-tasking environments designed for socialising and relaxation. So any treated surface has to stand up to endless stress, thanks to its frequent use, as well as transmitting warmth and refinement through its soft-to-the-touch finish.

Hardness, a high thixotropic level and a silky, matt finish: all ready for use. This innovative waterborne system consists of one-part products with a high level of chemical resistance that offers both increased resistance to chemical agents and even the worst stains, like coffee, as well as improved resistance to buffing and metal marking. Designed for interior use, thanks to their exceptional quality, these products are ideal for coating MDF or melamine panels for lounge, bedroom, kitchen, and bathroom furniture, doors and tops.

This high performance coating system consists of the WB basecoat Hydroplus **AUL3484/13** and the WB topcoat Hydroplus **AT16XX/****.

Available in both clear and white versions, can be pigmented with Hydroplus WB pastes of series **XA2006**.

One or two coats of the white basecoat AUL3484/13 should be applied, depending on the surface, using a manual or airmix spray, on account of its excellent covering properties and damp resistance. AUL3484/13 is a one-part basecoat that can be sprayed directly onto MDF or masonite panels, and has a high colour content, a solid residue and spreads well even with low application ratios. AUL3484/13 is specifically designed to make MDF panels waterproof: thanks to its special formula it stops water from reaching the MDF fibres and thereby stopping it from swelling.

A coat of the waterborne, matt finish, one-part AT16XX/** topcoat should then be applied with a manual or airmix spray. This topcoat is ideal for wooden interior items as it offers an extremely hard finish and is highly resistant to chemicals, especially coffee, which means it can be used for surfaces in kitchens and bathrooms too.

TECHNICAL CHARACTERISTICS	ADVANTAGES
Latest generation resins	Higher chemical resistance than traditional waterborne, one-part and two-part varnish converters
Innovative matting agent system	Improved resistance to scratching and metal marking. Extremely smooth
1 pack product	Ready-to-use and recoverable, having no pot-life
Wetting capacity	Easy to apply, high level of transfer with limited over-spray
Excellent covering	Comparable to a solvent-based topcoat
NOTE: the proper preparation of the substrate and optimum basecoat sanding noticeably improve the overall effect of the system	



COATING SYSTEM FOR INTERIORS

COMPARISON TABLE

Regulation or method		New system	Standard 1K system	2 K WB system
Internal	Drying	4	4	3
Internal	Filling power	4	3	4
UNI EN 12720	Resistance to chemicals	4	3	3/4
Internal	Spread	5	3	4
Internal	Smoothness	5	3	4
UN EN ISO 4622	Stackability	4	4	3
Internal	Thixotropy for vertical application	4	3	4
Internal	Wettability	5	4	4
Legenda: 0 = Very poor 1 = Poor 2 = Mediocre 3 = Sufficient 4 = Good 5 = Excellent				

Available in 10 gloss **AT1610/NN** (neutral) or **/BB** (white), and 30 gloss **AT1630/NN** or **/BB**.

AT16**/XX is made of innovative resins and has a higher level of chemical resistance than traditional one and two component waterborne converters.

Thanks to its innovative matt system, the product's scratch and metal marking resistance has been improved and the finish looks silky and smooth. It can be applied using a low or high pressure, manual or automatic spray.

To reduce drying times and further increase resistance to chemical agents and mechanical stress, a cross-linker can be used too.

To improve adhesion when applying to difficult substrates, such as melamine paper, we suggest using the XA4095/00 additive.

The product also spreads well and has excellent surface wettability, so it is easy to apply and transfer and has limited over-spray. It also covers superbly, like a solvent-based topcoat.

Softness to the touch even more tough, hard to spot, scratch or scrape. Now easier to apply.



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PRODUCT SPECIFICATION TABLE

Application	Spray	YES	Cup, airmix
Unfinished or pre-treated substrate	Melamine paper	YES	3% adhesion promoter
	MDF	YES	With specific basecoats
Drying	Room temperature	YES	Minimum 15°C
	Multiphase oven	YES	Subject to temperature/ventilation control
	Forced dryin	YES	Subject to temperture/ventilation control
Stackability	Room temperature		16 hours
	Fan oven		90 minutes (30°C, 0.5m/s, 30% humidity)
Re-coating with same system	Over-coatability (sandpaper grit 240-320)	YES	At least 48 hours
Use	Cured	YES	1% cross-linker, 3% adhesion promoter
Thinning	Water	YES	5-10% one part, if necessary
Tinting	XA2006 pastes, others should be tested	YES	Up to a maximum of 4%
Product sector	Living rooms, bedrooms	YES	Horizontal surfaces
	Kitchens, bathrooms	YES	Horizontal surfaces
	Doors	YES	

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