

Technical Data Sheet

AML3144/NN SATIN WATERBORNE CONVERTER FOR EXTERIORS

DATE 05/10/2012

Colors:	NN neutral/clear
Gloss level:	50 gloss
Area of use:	wooden items exposed to the outdoor environment: decks, garden furniture, balconies, verandas, pool edges, gazebos, cottages
Method of use:	spray, brush
Thinning:	Ready to use for spray application. If necessary, thin with water from 5 to 10%

Technical characteristics

Solids content (%):	34 ± 1
Specific gravity (kg/l):	1.020 ± 0.030
Viscosity (DIN 6 at 20°C):	60" ± 5"

General characteristics

Drying time (50 g/m ² at 20°C):	Touch dry:	60'
	Through dry:	4 hours
	Stackable:	4 hours
	Sandable:	16 hours
	Overcoatable:	16 hours

N.B.: DATA PROVIDED ON THIS TECHNICAL DATA SHEET CORRESPOND TO OUR BEST KNOWLEDGE AND EXPERIENCE. WE ASSURE CONSISTENCY ON THE CHEMICAL-PHYSICAL CHARACTERISTICS OF OUR PRODUCTS, WITHIN THE TOLERANCE LIMITS SPECIFIED ON OUR TECHNICAL DATA SHEETS. RESPONSIBILITY OF FINAL RESULT OF PRODUCT APPLICATION IS FULLY UP TO THE USERS, WHO SHALL MAKE SURE THAT THE PRODUCT CORRESPONDS TO THEIR OWN NEEDS WITH REGARD TO APPLICATION SYSTEM, TO SUBSTRATES USED AS WELL AS TO WORKING CONDITIONS.

WARNING: ACTUAL VISCOSITY OF SOME PIGMENTED AND/OR THIXOTROPIC PRODUCTS MAY DIFFER FROM THE VISCOSITY SHOWN ON THE TECHNICAL DATA SHEET. DIFFERENCES ARE TO BE REGARDED AS ACCEPTABLE IF WITHIN 30% MAXIMUM.

Sayerlack is a brand of
SHERWIN-WILLIAMS

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R.E.A. n. 313180 - Cap. Soc. Euro 2.626.182 I.V. - Codice Mecc. Bo 014531

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Forced air drying (50 g/m ² at 30°C):	Through dry:	60'
	Stackable:	on exit from oven
	Sandable:	4 hours
	Overcoatable:	4 hours
Spreading rate (m ² /kg):		10 ÷ 15
Shelf-life (months):		15

AML3144/NN is a one-pack low-viscosity clear waterborne topcoat. It can be applied by spray (or by brush) to overcoat and protect AML3132/NN wood stain.

AML3144/NN can be tinted with XA4034/XX or XA2006/XX waterborne pigmented pastes.

AML3144/NN exhibits an excellent water resistance as well as outdoor resistance. It is particularly suitable to upgrade those wood species suitable to for woodworks to be exposed outdoors, such as teak.

AML3144/NN can be intermixed with AML3133/NN topcoat at any ratio. In case blend is 1:1, gloss level will be 15 gloss.

Preparation of the substrate

Hydroplus AML3144/NN clear topcoat is to be applied on wood previously treated with AML3132/NN wood stain.

Application system

By horizontal spray or by brush.

Application weight is the following:

- one coat systems: apply one coat of max. 150 µm wet,
- two coats systems: sanding between the two coats may be avoided provided that interval between coats is within 24 hours. If this last system is adopted, apply two coats of 75 µm wet each.

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Application devices

- For conventional spray guns: 1.8-2.2 mm nozzle, pressure 2-3 bars.
- For airmix spray guns: 11 nozzle, material pressure 80-110 bars, air pressure 1-2 bars.
- For airless spray guns: 11 nozzle, material pressure 150-200 bars.

Application devices are to be washed with water immediately after use. In case dry films of coating are to be removed, use XA4060/00 letting it work for 6-12 hours, then rinse with water.

Drying

Drying of waterborne products must take place at temperatures not below 15°C and at a relative humidity preferably not exceeding 85%. It is always advisable for drying to be forced, with air previously de-humidified and warm (28-30°C).

General instructions

- Store the product in rooms with temperature between 5°C and 35°C.
- Add only once, in the hottest days during summer or in tropical areas, from 3 to 4% of XA4026/00 drying regulator to improve wetting and reduce drying speed.
- During application, keep the product, the substrate and the room at a temperature of at least 15°C. Films created at temperature below 15°C exhibit chemical and mechanical resistance properties below the commonly achieved standards.
- Coating residues (washing water, booth water, used coating) must be disposed of in accordance with current legislation. Do not pour residues down drains.

Please refer to the relevant Material Safety Data Sheet for safety information.

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