

## Technical Data Sheet

**AML3133/NN**
**5 GLOSS WATERBORNE CONVERTER FOR EXTERIORS**
*Supersedes previous issue dated 23/07/12*

DATE 29/09/12

Versions:	5 gloss NN (neutral)
Area of use:	Decks, garden furniture, balconies, terraces, verandas, pool edges, beams, gazebos, etc
Method of use:	Spray, brush.
Thinning:	Ready to use. If thinning is required, add 5-10% of water.

### 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 <sup>2</sup> at 20°C):	Touch dry:	60'
	Through dry:	4 hours
	Stackable:	4 hours
	Sandable:	16 hours
	Overcoatable:	16 hours

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**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.

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**SHERWIN-WILLIAMS**

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

*Company under the direction and coordination of The Sherwin-Williams Company, USA*

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

AML3133/NN is a one-pack low-viscosity clear waterborne topcoat that can be tinted with XA4034/XX or XA2006/XX waterborne pastes.

It is designed to overcoat and protect AML3132/NN wood stain.

It is ideal to enhance wood species suitable for outdoor exposure such as teak.

AML3133/NN exhibits an excellent water resistance as well as outdoor resistance.

AML3133/NN can be mixed with AML3144/NN in any mixing ratio. If AML3133/NN and AML3144/NN are mixed in the same ratio, the final level gloss is about 15.

### Preparation of the substrate

Hydroplus AML3133/NN clear topcoat is to be applied on wood previously treated with AML3132/NN wood stain.

### Application system

By horizontal spray.

Application weight is the following:

- one coat systems: apply one coat of 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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