

## Technical Data Sheet

## AU0482/00 HYDROPLUS CLEAR BASECOAT FOR INTERIORS - FORCED DRYING

DATE 12/12/00

Area of use:	Flat parts, turned parts, frames, skirting boards, wall panelling, doors
Method of use:	Conventional, airmix, airless, electrostatic spray gun (provided that any equipment used is suitable for waterborne products)
Mixing procedure:	Ready to use. If necessary, thin with water up to 10% max.

### Technical characteristics

Solids content (%):	35 ± 1
Specific gravity (kg/l):	1.030 ± 0.030
Viscosity (DIN 4 at 20°C):	100 ± 5

### General characteristics

Recommended application weight (g/m <sup>2</sup> ):	Min. 60, Max. 100 per coat
Number of coats:	Max. 2
Shelf-life (months):	15

AU0482/00 is a 1-pack waterborne basecoat for interiors ensuring high sandability and build.

Because of its particular formulation, it is to be used only where drying takes place at temperatures above 25°C. At these temperatures, the basecoat dries much faster than the conventional waterborne products.

With an appropriate air ventilation, AU0482/00 can be sanded even with automatic systems after just 10-15 minutes.

In order to obtain the highest yield in terms of pore wetting and vertical hold, AU0482/00 shall be applied with systems ensuring the best product atomisation.

Following are some guidelines on spray application.

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.

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

Spraying system	Nozzle	Air pressure (bar)	Coating pressure (bar)
Conventional	1.8 ÷ 2	3 ÷ 4	-
Airmix	9 ÷ 11	0 ÷ 2	80 ÷ 110
Airless	9 ÷ 11	-	80 ÷ 150

The use of pre-atomisers and pre-heaters with product temperatures between 30 and 40°C have proven to give excellent results to ensure quality consistency during the year.

AU0482/00 is suitable both for close and open pore systems, achievable by applying one or two coats (60-100 gr/m<sup>2</sup> each).

### Topcoat application

AU0482/00 can be overcoated with any kind of Hydroplus waterborne topcoats for interiors.

For further information, please refer to "GENERAL GUIDELINES ON USE OF WATERBORNE COATINGS FOR INTERIORS".

### Special instructions

- Keep from freezing. Do not store at temperature below 5°C.
- Do not apply at temperature below 15°C.
- Application residues, including washing water and booth water must be disposed of according with the rules in force. Do not pour into drains.
- Because of the variety of materials used to manufacture wood furniture, when moving to a waterborne system from a solvent based system, it is very important to check with the supplier the suitability of equipment and components used, with particular attention to electrostatic guns, pumps, seals, silicones, glues, products for booth water treatment, packing materials, sanding papers, putties, etc.

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