

Technical Data Sheet

AU0255/00
HYDROPLUS: CLEAR BASECOAT FOR INTERIORS

Supersedes previous issue dated 06/09/08

DATE 01/23/09

Area of use:	Flat parts, turned parts, picture frames.
Method of use:	Spray: conventional, airmix, airless.
Mixing procedure:	by weight (kg)
Part A:	AU0255/00 100
	Water 0÷10
Part B (Hardener):	AH1550/00 8

Technical characteristics

Solids content (%):	34 ± 2
Specific gravity (kg/l):	1.010 ± 0.030
Viscosity (DIN 4 at 20°C):	23" ± 2"
Pot life:	4 hours

General characteristics

Application weight (g/m²):	from 80 to 120 per coat
Number of coats:	Max. 6
Shelf-life (months):	15

AU0255/00 is a two-pack waterborne basecoat suitable for interior application. With its excellent transparency and capability of wetting the wood fibres, AU0255/00 enables to achieve wood colour similar to that obtained with polyurethane basecoats.

In order to obtain the best performance in terms of wettability and thixotropy, AU0255/00 shall be applied with systems ensuring the best product atomisation.

The use of pre-atomisers and pre-heaters with coating temperature between 30 and 40°C have proven to be very effective to ensure application consistency during the year.

AU0255/00 is suitable both for open and closed pore systems, which can be obtained by applying up to six 80-120 g/m² coats of product.

The first coat of product can be overcoated after just 40/45 minutes and sanded after 12 hours.

Rooms equipped with heating system and air circulation ensuring totally renewed air volume every 15-20 minutes are strongly recommended.

COMPANY WITH
MANAGEMENT SYSTEM
- UNI EN ISO 9001 -
- UNI EN ISO 14001 -

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

General instructions

- Storage temperature shall not fall below 5°C. Keep from freezing.
- During application, keep the product, the substrate and the room at a temperature of at least 15°C.
- Coating residues (washing water, booth water, used coating) must be disposed of in accordance with current legislation. Do not pour residues down drains.
- In view of the wide variety of materials used for manufacturing wooden products, when switching from a solvent-based to a waterborne coating system it is always advisable to contact your suppliers' technical departments to check whether your equipment and components are appropriate or whether more suitable types exist. In particular, check: electrostatic guns, pumps, seals, silicones, glues, booth treatment water products, packaging materials, fillers, sandpaper, etc.

For further information on all stages of furniture coating using waterborne products, consult our technical booklet "GENERAL GUIDELINES ON THE USE OF WATERBORNE COATINGS FOR INTERIORS".

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.