

Technical Data Sheet

AT0601/00 NATURAL WOOD - WATERBORNE TOPCOAT FOR INTERIORS, NATURAL EFFECT

Supersedes previous issue dated 02/14/12

DATE 04/05/12

Gloss level:	0 gloss		
Area of use:	kitchen doors, flat parts, turned parts, picture frames, matchboards		
Method of use:	conventional spray gun, airmix spray gun, curtain coater		
Mixing procedure:		by weight	For curtain coater
	AT0601/00	100	100
	AH1503/00	10	5
	XA4080/00		1 (premix 1:1 with water)
	If required, thin at 5% with drinking water		

Technical characteristics

Solids content (%):	26 ± 2
Specific gravity (kg/l):	1.020 ± 0.030
Viscosity (DIN 4 at 20°C):	40" ± 2"

Substrate preparation

It is to be applied onto sanded waterborne basecoat (AU0420/00 is recommended).

General characteristics

Recommended application weight (g/m ²):	80-100	
Drying (100 g/m ² at 20°C):	dust free	30'
	touch dry	60'
	stackable	24 hours
Shelf-life (months):	15	

AT0601/00 is a 0 gloss waterborne basecoat suitable for interiors, granting a good chemical resistance, excellent transparency and writability resistance.

This product is particularly suitable when a natural effect is desired, since it leaves natural wood's look, touch and shade unchanged.

AT0601/00 can be used as 1-pack, i.e. without hardener; the natural look is granted, but chemical and physical performances are lower.

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

For a correct application, we recommend to sand the basecoat with 280-320 grit sandpaper, then to apply the topcoat at a weight of 80-100 g/m². Compliance with these parameters ensures the most natural effect possible.

AT0601/00 can also be used as a self-sealer, directly on bare wood.

When used for industrial coating systems, we suggest the use of the hardener and the addition of 1% of XA4080/00 to speed up stacking times.

Special instructions

- Store the product in rooms where the temperature does not fall below 5°C.
- During application, keep the product, the substrate and the room at a temperature of at least 15°C.
- The use of coating devices not in perfect order (defective gaskets, too high pressures) or of pumps with low capacity may cause major defects in the coating film (air bubbles).
- 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.
- Once the can has been opened, the product may rot because of the attack of bacteria commonly present in the air. This phenomenon is easily detectable because of the bad smell and by an increase in viscosity. We advise against recovering the product adding it to fresh product cans as well as leaving the cans open, particularly during summertime. The addition of 0.1÷0.5% of XA4051/00 increases the product's preservation (but only as a preventive action).

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