

# TECHNICAL DATA SHEET

**AT0601/00**
**1K / 2K "NATURAL WOOD" WATERBORNE TOPCOAT (0° SHEEN)**
**AT0601 Natural Wood (00 Sheen)**

Versions	0		
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:		<b>By Weight (kg)</b>	<b>By Volume</b>
	Part A	<b>AT0601</b>	100
	Part B (hardener)	<b>*AH1550/00</b>	10
	Cross-Linker (Optional)	<b>*XA4081/00</b>	1
	Reducer	<b>Water</b>	0-5
Retarder	<b>WR7025</b>	3-5	3-5

**Technical characteristics**

Solids content (%):	As packaged	Weight Solids 26 ± 2 / Volume Solids 18 ± 2
Specific gravity (kg/l):	As packaged	1.020 ± 0.030
Viscosity (Zahn #2 at 68°F)*:		61 ± 2 seconds
Pot Life:		*2-3 hours when catalyzed with AH1550/00
Recommended wet film thickness:		3.0 - 4.0 mils
Spread Rate:		305 sq. ft./gal @ 1.0 mil DFT, No loss
Drying time (at 68°F):	Dust free	30 minutes
	Touch dry	60 minutes
	Stackable	24 hours
VOC (Theoretical as packaged, maximum):		0.06 lb./gal, 8 g/L (less exempt solvents)
VHAPS (Theoretical as packaged, maximum):		0.00 lb./lb. of solids
Shelf-life:	15 months, unopened. After long periods of storage, always check homogeneity and stir well before use to eliminate and possible sediment.	

\*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 considered acceptable if within 30%.

**AT0601/00 2K "Natural Wood" Look Waterborne Topcoat** 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.

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**AT0601/00**

**1K / 2K "NATURAL WOOD LOOK" WATERBORNE TOPCOAT (0° SHEEN)**

## **Substrate preparation**

Wood – New Work (interior only): Must be clean, dry and finish sanded. Substrate should be free of grease, oil, dirt, fingerprints and any contamination. Moisture content of wood should be 6-8%.

Previously finished wood (interior only): Strip old finishes completely and remove all contaminants from the surface. Make sure surface is dry. Finish as new work

## **Testing:**

The information, data, and recommendations set forth in this Product Data Sheet are based upon test results believed to be reliable. However, due to the wide variety of substrates, substrate properties, surface preparation methods, equipment and tools, application methods, and environments, the customer should test the complete system for adhesion, compatibility, and performance prior to full scale application

## **Application**

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/m<sup>2</sup>. Compliance with these parameters ensures the most natural effect possible.

Seal: AT0601/00 can also be used as a self-sealer, directly on bare wood; however, for best results, it is recommended for AT601/00 be applied over sanded waterborne basecoat **AU0420/00**.

## **\*Chemical resistance, Catalyst & Cross-linker Additions:**

Note: AT0601/00 can be used as 1K System without hardener, which will achieve the natural look, but chemical and physical performances are compromised. For improved overall chemical resistance and performance we recommend **\*AH1550/00 at 10%**

When used for industrial coating systems, we suggest the use of the hardener and the addition of **1% of \*XA4081/00** to speed up stacking times.

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## General Considerations

- Store the product in rooms where the temperature does not fall below 5°C / 41°F
- During application, keep the product, the substrate, and the room at a temperature of at least 15°C / 59°F.
- 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. 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.

## FOR INDUSTRIAL SHOP APPLICATION ONLY

**Thoroughly review product label and Safety Data Sheet (SDS) for safety information and cautions prior to using this product.** To obtain the most current version of the Environmental Data Sheet (EDS), Product Data Sheet (PDS), or Safety Data Sheet (SDS) please visit [www.paintdocs.com](http://www.paintdocs.com). Please direct any questions or comments to your local M.L. Campbell® Distribution Partner, M.L. Campbell® Sales Manager or contact our technical service line at 1-800-364-1359

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