

# TECHNICAL DATA SHEET

**AU0392/00**
**2K WATERBORNE CLEAR BASECOAT / SEALER**
**AU0392**

Area of use:	Flat parts, frames, baseboards, doors		
Method of use:	Spray: conventional, airmix, airless and electrostatic spray guns.		
Mixing procedure:		<b>By Weight (kg)</b>	<b>By Volume</b>
	Part A <b>AU0392/00</b>	100	100
	Part B (performance hardener) <b>*AH1545/00</b>	25	25
	Or Part B (extended pot life) <b>*AH1550/00</b>	25	25
	Reducer <b>Water</b>	5-20	5-20
Retarder <b>WR7025</b>	5	5	

## Technical characteristics

Solids content (%): As packaged	Weight Solids 29 ± 2 / Volume Solids 25 ± 2		
Specific gravity (kg/l): As packaged	1.028 ± 0.030		
Viscosity: (Brookfield - RV4, 20 rpm, 20°C/68°F)	4500 ± 500		
Pot Life @ 68°F:	<b>*AH1545/00</b> 3 hours	<b>*AH1550/00</b> 4 hours	
Recommended wet film thickness:	4.0 - 7.0 mils		
Max # of Coats:	3		
Spread Rate:	410 sq. ft./gal @ 1.0 mil DFT, No loss		
Drying time (at 68°F):	<b>*AH1545/00</b>	<b>*AH1550/00</b>	
	Dust free	60 minutes	40 minutes
	Touch dry	5 hours	3 hours
	To Sand	15 hours	6 hours
	Stackable	24 hours	15 hours
VOC (Theoretical as packaged, maximum):	0.59 lb./gal, 71 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%.

**AU0392/00 2K Waterborne Clear Basecoat / Sealer** is a two-pack waterborne barrier basecoat designed for spray application directly on, wood, MDF or Masonite substrates. Its special formulation prevents air bubbles from forming when coating laminated substrates.

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***AU0392/00 2K Waterborne Clear Basecoat / Sealer features are the following:***

- High transparency
- Excellent wood reviving properties resulting in an appreciable depth effect
- Excellent resistance to shrinkage
- Excellent insulating properties
- Good sandability (stearate sandpapers are recommended)

## **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

To obtain the best result, a preliminary sanding of the substrate is always recommended (150-180 grit sandpaper) to remove macroscopic woodworking imperfections and to increase timber porousness. This will ensure an excellent adhesion of the coating film.

**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**

By spray, both horizontally and vertically.

### **\*Drying and catalysis**

With **AH1545/00**: the product has the greatest coverage and build but it's sandable not before 15 hours (dust free 60', touch dry 5 h). Pot-life 3 hours with **AH1550/00**: the product is faster drying and sandable after 6 hours (dust free 40', touch dry 3 h), but coverage and build are worse. Pot-life 4 hours

## **Sanding of the basecoat**

We suggest 240-320 grit sandpapers. For best results, use stearate sandpaper, which ensures better dusting-off and much higher efficiency than conventional sandpaper. Ask your abrasives supplier for information on specific papers for waterborne products.

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## Application of the topcoat

AU0392/00 waterborne barrier basecoat can be overcoated with any of the HYDROPLUS waterborne coatings for interiors, either using a waterborne basecoat after the first coat of AU0392/00 (used as a primer) or using a waterborne topcoat after two coats of AU0392/00 (used as primer and basecoat) .

## 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
- 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.

## 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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