

TECHNICAL DATA SHEET

AF72/00**
HYDROPLUS™ WATERBORNE CLEAR SELF-SEALER FOR INTERIORS

Gloss level:	5, 20, 40, 60, 90 gloss
Area of use:	Doors, furniture, turned parts, frames, skirting boards, wall paneling, stairs
Method of use:	Conventional, airmix, airless, electrostatic spray (any equipment used must be suitable for waterborne products)
Mixing Procedure:	Ready to use. If necessary, thin with water.

Substrate preparation

With waterborne stains from AC1810/XX or AP1221/XX series, which can be added, if required, with small percentages of AC0600/XX stains for more color depth.

Technical characteristics

Solids content (%):	Weight Solids 28 ± 2 / Volume Solids 24.3 ± 2
Specific gravity (kg/l):	1.030 ± 0.030
Viscosity (Zahn #5 at 68°F): or Viscosity (Zahn #5 at 77°F):	5, 20, 40, 60, 90 gloss @ 20-28 seconds 5, 20, 40, 60, 90 gloss @ 14-20 seconds
Recommended wet film thickness:	3.0 – 4.0 mils
Interval between coats:	30 minutes
Number of coats:	2
Drying time (at 68°F):	Dust free 30 minutes Touch dry 60 minutes Sandable 30 – 45 minutes Stackable 24 hour
Forced drying (80 g/m ²):	Flash-off 15 minutes Hot air at 95°F 45 minutes Cooling 15 minutes
Shelf-life:	18 months
Flash Point	N.A

AF72**/00 is a clear self-sealer for interiors which ensures good chemical resistance, hardness, transparency and resistance to thermoplasticity. Thanks to the contents of acrylic/polyurethane resins and to its properties of excellent pore marking, it is particularly suitable for two-coat systems for open pore. AF72**/00 may be tinted with small quantities of waterbased stains from series AC0600/XX or AC1810/XX for more colour depth of the finishing.

Crosslinking

For increased film hardness and chemical resistance, AF72**/00 may be crosslinked with 1% of a blend of XA4080/00 and water at 50%. For best chemical-physical properties, also add 3% of XA4095/00 for double crosslinking. Stir the blend well. Do not exceed recommended mix ratios. When catalyzed, AF72**/00 has a 24 hour pot-life. If no fresh material is added, you may catalyze the unused portion one time for an additional 24 hours of pot-life for one cycle only. Unused material must be disposed of after the second 24 hour period. To extend catalyzed material into the next day, it is recommended to add 50% of the AF72**/00. Catalyze the entire amount of material, not just the newly added material. Catalyzed material must not be carried over the weekend and should be properly disposed of.

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Special instructions:

- Keep from freezing. Do not store at temperature below 41°F.
- Do not apply at temperature below 59°F.
- Stir the product well before application in order to disperse any possible sedimentation. This operation is essential to ensure even matting on the substrate.
- 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.
- 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).
- Once the can has been opened, the coating 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 of viscosity of the product stored in the can. Avoid recovering the used coating in fresh product cans and also to leave them 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).

Testing

Due to the wide variety of substrates, surface preparation methods, application methods, and environments, the customer should test the complete system for adhesion, compatibility and performance prior to full scale application.

FOR INDUSTRIAL SHOP APPLICATION

Thoroughly review Material Safety Data Sheet (MSDS) for safety information and cautions prior to using this product. For Regulatory compliance data i.e. VOC, HAPS, etc., obtain an Environmental Data Sheet (EDS) prior to using the product. A MSDS and/or EDS is available from your local distributor or representative. Please direct any questions or comments to 1-800-524-5979 or www.sayerlack.com.

Note

Product Data Sheets are periodically updated to reflect new information relating to the product. It is important that the customer obtain the most recent Product Data Sheet for the product being used. The information, rating, and opinions stated here pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application which are not known or under our control, Sayerlack S.r.l. cannot make any warranties as to the end result.

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