

# TECHNICAL DATA SHEET

**AF 635**
**HYDROPLUS: WATERBORNE CLEAR WAX SELF-PRIMING  
 TOPCOAT FOR INTERIORS**

Versions:	8 gloss
Area of use:	Kitchen doors, furniture, turned parts, picture frames, skirting boards, matchboards.
Method of use:	Conventional, airmix, airless, electrostatic spray gun (provided that any equipment used is suitable for waterborne products).
Mixing procedure:	Ready to use. If necessary, thin with drinking water.

### Technical characteristics

Solids content (%):	31 ± 2
Specific gravity (kg/l):	1.030 ± 0.030
Viscosity (DIN 4 at 20°C):	70" ± 5"

### Substrate preparation

Sand the timber with 280-320 sand-paper. If necessary, stain with waterborne products from AC1810/XX and AP1221/XX series.

### General characteristics

Number of coats:	2	
Recommended application weight (g/m <sup>2</sup> ):	Min. 60, max. 100 per coat.	
Drying time (100 g/m <sup>2</sup> at 20°C):	Dust free	30'
	Touch dry	60'
	Sandable:	4 hours
	Stackable:	24 hours
Shelf-life (months):	15	

AF 635 ensures excellent chemical resistance, hardness, transparency and resistance to thermoplasticity.

This product application is particularly suited to achieve a natural look effect that leaves unchanged wood aspect and shade to touch and sight.

Thanks to its specific formulation, in fact, AF 635 gives the timber pleasant smoothness to touch without showing the presence of the film of coating.

For a proper application, we always recommend sanding the bare wood with very fine sandpapers, 280-320, and applying the first two coats at 60 - 100 g/m<sup>2</sup> application weights, in order to give the item the best natural aspect.

AF 635 may be tinted with small quantities of waterbased stains from series AC 600/XX or AC1810/XX.

The addition of 1% of XA 4080 crosslinker is advised when the coated surface is to be exposed to conditions of particular wear and contact with chemicals such as furniture for bars, worktables, kitchens, bathrooms, etc. After addition of the crosslinker, viscosity of AF 635 increases slightly during a 7-day period; as a result, we recommend its use in 1:1 blend with fresh product. The crosslinker shall be added again to the blend before use.

For further information, please refer to "GENERAL GUIDELINES ON USE OF WATERBORNE COATINGS FOR INTERIORS".

### Special instructions

- Store the product in rooms where the temperature does not fall below 5°C.

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supersedes previous issue dated 28/02/01

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- 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 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 increases the product's preservation (but only as a preventive action).