

TECHNICAL DAT SHEET

AU 472/00
HYDROPLUS WATERBORNE CLEAR 2-PACK BASECOAT FOR INTERIORS

Area of use:	Flat parts, frames, baseboards, matchboards, doors , chairs		
Method of use:	Conventional, airmix, airless, electrostatic spray gun (provided that any equipment used is suitable for waterborne products)		
Mixing procedure:		by weight (kg)	by volume (lt)
Part A:	AU 472	100	100
Part B (hardener):	AH15 50	10	10
Thinner:	Water	5-1 0	5.10

Technical characteristics

Solids content (%):	32 ± 1
Specific gravity (kg/l):	1.030 ± 0.030
Viscosity (DIN 4 at 20°C):	74" ± 10"

General characteristics

Drying time (100 g/m ² at 20°C):	dust free	30'
	touch dry	60'
	overcoatable	2 hours
	sandable	4 hours
	stackable	24 hours
Recommended application weight (g/m ²):	from 80 to 140 per coat	
Spreading rate (m ² /kg):	from 7 to 12	
Number of coats:	max. 3	
Shelf-life (months):	15	

AU 472/ 00 is a 2-pack basecoat for interiors granting good transparency, high build and good reviving power, preventing film yellowing. It is formulated on an acrylic base, AU 472/00 is a non yellowing product, however, since it does not contain UV absorbers , does not protect the underlying stain nor the natural color of the wooden substrate.

Thanks to its good general characteristics, AU 472/00 may be used for open pore systems even if it is with closed or semi-closed pore systems (achievable with two coats at 80- 120 g/m² with an interval of 2 hours in between) that this product exhibits its best transparency and build properties.

AU 472/00 hardened at 10% is particularly suitable for timbers which may release salts or other substances which may alter wood colour.

Sanding of the basecoat

Under standard drying conditions (temperature of 20°C and relative humidity of 65%), AU 472/00 is sandable after 3-4 hours. Lower temperature and higher humidity make drying slower. When a higher build is required, wait at least 4 hours before applying the third coat; in this case sanding can take place only 6- 8 hours later.

When drying of AU 472/00 is complete, all normal sanding systems, both manual and automatic, can be used. For best results, use stearate or aluminium-oxide sandpaper, which provide excellent de -dusting with much higher efficiency than conventional sandpaper. Ask your abrasives supplier for information on specific papers for waterborne products.

Drying of two-pack products

Two-pack waterborne products must be dried at temperatures not lower than 15°C and with relative humidity not greater than 70%. Outside this range drying is slower and/or the film is

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formed with poorer hardness and chemical resistance. For good drying it is advisable to use a forced flow of dry air initially at room temperature and subsequently at 35°C.

Application of topcoat

AU 472/00 waterborne basecoat can be overcoated without problems using ordinary or selfpriming HYDROPLUS waterborne topcoats.

General instructions

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

For further information on all stages of furniture coating using waterborne products, consult our technical booklet "GENERAL GUIDELINES ON THE USE OF WATERBORNE COATINGS FOR INTERIORS".