

Technical Data Sheet

AZ35XX/XX HYDROPLUS WATERBORNE TOPCOAT FOR EXTERIOR

Supersedes previous issue dated 12.05.17

DATE 12/11/2017

Gloss and Colours	AZ3515/89	15 gloss, colourless
	AZ3515/NN	15 gloss, neutral for tintometric system
	AZ3515/BB	15 gloss, neutral for tintometric system
	AZ3530/00	30 gloss, colourless
	AZ3530/85	30 gloss, larch
	AZ3530/89	30 gloss, teak
	AZ3530/NN	30 gloss, neutral for tintometric system
	AZ3530/BB	30 gloss, white for tintometric system
	AZ3540/00	40 gloss, colourless
	AZ3575/00	75 gloss, colourless
Area of use:	Door and window frames and wooden parts exposed to outdoors.	
Method of use:	Spray (conventional, airless, airmix and electrostatic spray guns suitable for waterborne products).	
Thinning:	If necessary, add 5 - 10% of tap water according to the type of equipment and system used.	

Technical characteristics

Solids content (%):	AZ35XX/00 – 85 – 89	42 ± 1
	AZ35XX/NN	40 ± 1
	AZ35XX/BB	47 ± 1
Specific gravity (kg/l):	AZ35XX/00 – 85 – 89 – NN	1.040 ± 0.030
	AZ35XX/BB	1.170 ± 0.030

General characteristics

Number of coats:	Max. 2	
Recommended application weight (g/m ²):	From 150 to 300 per coat	
Drying time (150 g/m ² at 20°C):	Touch dry:	4 hours
	Through dry:	8 hours
	Stacking:	24 hours
	Sanding:	24 hours
	Overcoating:	24 hours
Forced air drying (150 g/m ² at 30°C):	Through dry:	150 - 180'
	Stacking:	At oven exit
	Sanding:	16 hours
	Overcoating:	16 hours
Spreading capacity (250 µm wet):	4 m ² /l	
Shelf-life (months):	15	

Hydroplus AZ35XX/XX is a thixotropic waterborne clear topcoats family with good elasticity, no blocking, good thixotropy, excellent flow, and fast drying behavior.

N.B.: DATA PROVIDED ON THIS TECHNICAL DATA SHEET CORRESPOND TO OUR BEST KNOWLEDGE AND EXPERIENCE. WE ASSURE CONSISTENCY ON THE CHEMICAL-PHYSICAL CHARACTERISTICS OF OUR PRODUCTS, WITHIN THE TOLERANCE LIMITS SPECIFIED ON OUR TECHNICAL DATA SHEETS. RESPONSIBILITY OF FINAL RESULT OF PRODUCT APPLICATION IS FULLY UP TO THE USERS, WHO SHALL MAKE SURE THAT THE PRODUCT CORRESPONDS TO THEIR OWN NEEDS WITH REGARD TO APPLICATION SYSTEM, TO SUBSTRATES USED AS WELL AS TO WORKING CONDITIONS.

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 REGARDED AS ACCEPTABLE IF WITHIN 30% MAXIMUM.

AZ35XX/XX have outstanding water resistance properties and excellent building power.

AZ35XX/NN-BB can be tinted with waterborne pastes XA2006/XX according to the mixing ratio shown in the formulation book.

Preparation of the substrate

Sand the substrate thoroughly with 150 grit paper in case of softwood and with 180 grit paper in case of hardwood.

Hydroplus AZ35XX/XX clear topcoat have to be applied on wood previously treated with Hydroplus products.

Application system

By spray (conventional, airmix, airless or electrostatic) either horizontally or vertically.

Application devices

- For conventional spray guns: 2.2 - 2.5 mm nozzle, pressure 3 - 4 bars.
- For airmix spray guns: 11 - 13 nozzle, material pressure 80 - 110 bars, air pressure 1 - 2 bars.
- For airless spray guns: 11 - 13 nozzle, material pressure 150 - 200 bars.
- The use of a pre-atomizer and/or of a pre-heater (30 - 35°C) has proven to give excellent results in terms of flow and high quality consistency.

Application devices are to be washed with water immediately after use. In case dry films of coating are to be removed, use XA4060/00 letting it work for 6 - 12 hours, then rinse with water.

Drying

Waterborne products must be dried in rooms with temperatures no lower than 15°C and relative humidity no greater than 85%. For good drying it is advisable to use a forced flow of dry air, preferably dehumidified at 28 - 30°C.

Special instructions

- Do not store the product at temperatures lower than 5°C or higher than 35°C.
- Coating residues (washing water, booth water, used coating) must be disposed of in accordance with current legislation. Do not throw the paint residues down into the sewers.

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