

Technical Data Sheet

AT96**/XX HXD TECHNOLOGY HYDRO TOPCOAT/CONVERTER FOR INTERIORS

Supersedes previous issue dated 26/11/07

DATE 28/04/09

Versions and colours:	AT96**/NN	Neutral	10, 20, 30 gloss
	AT96**/BB	White	10, 20, 30 gloss
Area of use:	Flat parts, turned parts, picture frames, furniture, skirting board, matchboards.		
Method of use:	Spray		
Thinning:	Ready to use. If thinning is required, use max. 5% drinking water.		

Technical characteristics

Solids content (%):	AT96**/NN:	35 ± 2
	AT96**/BB:	42 ± 2
Specific gravity (kg/l):	AT96**/NN:	1.060 ± 0.030
	AT96**/BB:	1.170 ± 0.030
Viscosity (DIN 8 at 20°C):	AT96**/NN:	20'' ± 1''
	AT96**/BB:	28'' ± 1''

General characteristics

Application weight (g/m²):	from 80 to 140
Number of coats:	1
Shelf-life (months):	15

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.

Sayerlack is a brand of
SHERWIN-WILLIAMS

SAYERLACK S.r.l. - With a Single Shareholder

Via del Fiffò, 12 - 40065 Pianoro (BO) - Italia - C.P. 18
tel. +39 051 770511 - fax +39 051 777437
www.sayerlack.it - www.lineablavernici.it

Cod. Fisc. e Reg. Impr. Bo 08866930152 - P. IVA: IT 00494251200

R.E.A. n. 313180 - Cap. Soc. Euro 2.626.182 I.V. - Codice Mecc. Bo 014531

Company under the direction and coordination of The Sherwin-Williams Company, USA

AT96**/XX is the first one-pack waterborne topcoat of the high-hardness range. It ensures excellent hardness and good chemical resistance and is suitable for coating wooden products for interiors.

Method of use

AT96**/XX can be tinted with XA2006/XX waterborne pastes, in a ratio of 920/80 cc for full color tones formulated with the clear base, up to a maximum of 4% for the light shades formulated with the white pigmented base, as shown in WOODCOLOR-PLUS formulation book.

Substrate preparation

With one or more coats of Hydroplus waterbased basecoat or polyester basecoat properly dried and sanded.

Chemical resistance and crosslinkers

AT96**/XX can be used as it is to coat all wood surfaces for interiors. However, to further improve chemical resistance, add slowly while stirring 1% of crosslinker XA4080/00, premixed 1:1 with water and 3% of crosslinker XA4095/00 and use immediately.

Drying

Drying of waterborne products must take place at temperatures not below 15°C and at a relative humidity preferably not exceeding 85%. Out of these limits, there is a slowing down of the drying and/or formation of a less hard and resistant film. It is always advisable forced drying with air previously de-humidified and warm (20-30°C).

General instructions

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

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.