

Sayerlack is a brand of  
 The Sherwin-Williams Company

SAYERLACK S.r.l. - Con Unico Socio

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 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  
 Società soggetta a direzione e coordinamento di The Sherwin-Williams Company, USA

# TECHNICAL DATA SHEET

**AVV7646/00**
**CLEAR WATERBORNE TOPCOAT FOR GLASS**

Version:	80 gloss
Area of use:	glass substrates
Method of use:	roller coater
Cross-linking:	3% of XA4095/00 well stirred

### Technical characteristics

Solids content (%):	34 ± 2
Specific gravity (kg/l):	1.030 ± 0.030
Viscosity (DIN 6 at 20°C):	100" ± 5"

### General characteristics

Recommended application weight (g/m <sup>2</sup> ):	from 50 to 80 per coat	
Number of coats:	1 or 2	
Drying time (100 g/m <sup>2</sup> at 20°C):	touch dry	2 hours
	through dry	8 hours
	stackable	24 hours
Shelf-life (months):	15	

AVV7646/00 is a waterborne topcoat specially designed for glass. Once crosslinked with 3% XA4095/00, it ensures excellent adhesion on all glass surfaces for indoor use. Drying temperatures exceeding 40°C promote film hardening and cross-linker action, thus enhancing adhesion.

Thanks to its special formulation, AVV7646/00 ensures the following advantages:

- excellent surface hardness
- excellent flow
- excellent thermal shock resistance

### Substrate preparation

Clean and degrease the surface well with alcohol before applying AVV7646/00.

### Instructions for use

AVV7646/00 can be tinted with XA2006/XX waterborne pastes in a volumetric ratio of 900:100 to obtain full colour shades from a clear base, as described in our WOODCOLOR-PLUS formulation book.

### Drying

Waterborne products must be dried in rooms with temperatures no lower than 15°C and relative humidity no higher than 85%. Outside this range drying is slower and/or the film formed has 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 20-30°C.

### Warning

- Do not store the product at temperatures lower than 5°C or higher than 35°C..
- Coating residues must be disposed of in accordance with current legislation. Do not pour residues down drains.

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.

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- 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 in place and appropriate. In particular, check: electrostatic guns, pumps, seals, silicones, glues, booth treatment water products and packaging materials.
- Once the can has been opened, the waterborne product may rot because of the attack of bacteria, moulds and fungi commonly present in the air. This phenomenon is easily detectable because of the product bad smell and increase in viscosity. This problem may take place in case of recovered product left over for a long time in the can, mainly during summertime. The use of drinking water, a frequent cleaning of the plant (possibly with disinfectant solutions) and the periodic addition of XA4051/00 bactericide (0.1-0.2%) increase preservation of the recovered products. As a disinfectant use a 2% solution in water of XA4051/00. As to application method relating to XA4051/00, please refer to its technical data sheet.

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