

## Technical Data Sheet

## XAL3331/XX FLUORESCENT: SPECIAL EFFECT WATERBORNE MONO CHROME CONVERTER

DATE 01/20/2014

XAL3331/XX is a waterborne topcoat specially designed for glass. Once crosslinked with 3% of XA4095/00, it ensures good adhesion on all glass surfaces for indoor use.

**Warning:** Only for indoor use, these products are based on dyes and do not have good light stability, do not expose to strong light sources.

Thanks to its special formulation, XAL3331/XX gives the typical Highlighter effect characterized by very bright colors.

The system is composed of four monochrome fluorescent paints that can be mixed together in any ratio in order to obtain many different shades.

Versions:	XAL3331/04	yellow
	XAL3331/17	green
	XAL3331/25	red
	XAL3331/61	violet
Area of use:	glass substrates	
Method of use:	conventional spray gun	
Mixing procedure ( by weight ):	3% of XA4095/00 well stirred	

### Technical characteristics

Solids content (%):	XAL3331/04	39 ± 2
	XAL3331/17	39 ± 2
	XAL3331/25	39 ± 2
	XAL3331/61	34 ± 2
Specific gravity (kg/l):	XAL3331/04	1.057 ± 0.030
	XAL3331/17	1.057 ± 0.030
	XAL3331/25	1.057 ± 0.030
	XAL3331/61	1.036 ± 0.030
Viscosity (FORD 4 at 20°C)	90" ± 10"	

**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.

### General characteristics

Number of coats:	1
Recommended application weight (g/m <sup>2</sup> ):	from 100 to 140
Drying time (100 g/m <sup>2</sup> at 20°C):	Touch dry            2 - 4 hours Thoroughly dry    12 hours Stackable            24 - 48 hours
Pot life	8 – 10 hours
Shelf-life (months):	6

### Substrate preparation:

Clean and degrease the surface well with alcohol before applying XAL3331/XX.

### Instructions for use:

Mix very well XAL3331/XX before the use.

It can be let as it is or overpainted with a white topcoat in order to enhance color and covering.

### Application:

By conventional spray.

Nozzle                                    1.8 – 2,0 mm

Air pressure                            3-4 bar

Use filters                                100 micron

Apply in 3 – 4 light passages in order to achieve an even application.

### Warning:

The color can vary depending on the applied quantity.

### Notes on drying:

Waterborne products must be dried in rooms with temperatures no lower than 15°C and relative humidity not greater than 85%.

Outside this range the drying is slower and/or the film is formed with poorer hardness and chemical resistance.

For good drying it is advisable to use a forced flow of dry air at 20-30°C.

Better results can be achieved by drying from 60°C to 80°C for 60 minutes, after flash off.

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Sherwin-Williams Italy S.r.l. – con unico socio  
Via del Fiffò, 12 - 40065 Pianoro (BO) - Italia - C.P. 18  
tel. +39 051 770 511 - fax +39 051 777 437  
www.sayerlack.com  
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

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### Special instructions

- 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.
- Once the can has been opened, the waterborne paint may rot because of the attack of bacteria, moulds and fungi commonly present in the air. This phenomenon is easily detectable because of the bad smell, increase of viscosity, mould on the surface and change of color. 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 products used. 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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