

## ADLER Aqua-Classic

13301 ff

Water-based **hardwood stains** for a stain effect not accentuating the pores for industrial and professional use

### PRODUCT DESCRIPTION

#### General

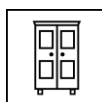
Water-based hardwood stains having high level of light fastness using special dyes for stain effects not accentuating the pores. The product is particularly suitable for recoating with water-based wood paints. You can also apply solvent-based paints and varnishes as the topcoat.

#### Special Properties Testing Standards



- **French Ordinance DEVL1104875A** regarding the labelling of construction coating products with respect to their emission of volatile pollutants: A+

#### Areas of application



- Appearance of stains without accentuating the pores on finely and coarsely porous hardwoods in furniture building

### PROCESSING

#### Instructions for application

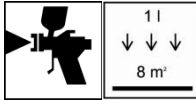


- Stir the product well before and during application
- The temperature of the product and object, and the room temperature must be at least +15 °C.
- Do not empty the stain from the spray gun or contaminated with wood dust back into the container with the original stain.
- Air mix or low-pressure airless devices are also suitable for applying the stain. You can also use a paint brush or a sponge to apply the stain.
- Wood or timber types having low displacement capacity require less application as compared to those having more pronounced displacement capacity.
- In the case of coarsely porous hardwoods such as ash or oak, you can achieve a stain appearance that accentuates the pores remarkably if, after application, the stain is distributed first across and then along the direction of the wood fibre.
- In order to achieve a **highly uniform stain effect**, you can add – particularly in case of maple and beech types of wood – up to a maximum of **10 % ADLER Aqua-Beizzusatz 89344**. If you use more than 10 %, you could face adhesion problems.
- Various types of wood such as **oak and larch**, etc. contain water-soluble substances, which become active when applying

a topcoat using water-based furniture paints. Hence, in order to prevent fading or marks, we recommend applying a prime coat using ADLER PUR-Primer 25291 in case of **wood types rich in extracts**.

- Please follow our "**Work guidelines for applying wood stains**".
- Please observe and follow the data sheets of the respective products.

### Application technique



Application method	Cup gun
Spray nozzle (ø mm)	1.5
Spray pressure (bar)	2.0 – 2.5
Yield per application (m <sup>2</sup> /l) <sup>1)</sup>	approx. 8
<sup>1)</sup> Yield including addition of thinner and loss while spraying	

The shape and properties of the substrate and wood moisture affect the consumption / yield. Accurate values for consumption must be obtained by applying trial coats in advance.

### Drying times

(at 23 °C and 50 % rel. humidity)



Solvent-based paints and varnishes can be recoated	after approx. 12 hours
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The figures indicated serve as a guide and are for reference. The drying time depends on the type of wood, coat thickness, temperature, air exchange and relative atmospheric humidity.

Avoid direct sunlight (very quick drying).

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### Cleaning the tools and equipment



Clean the tools and equipment immediately after use using water or ADLER Aqua-Cleaner 80080.

## SUBSTRATE

### Type of substrate

Finely porous and coarsely porous hardwoods

### Substrate property (or condition)

The substrate must be dry, clean and capable of holding the paint and it must be free of grease and wax and free from wood dust.

### Preparation of the substrate

Wood sanding using grain size 150 - 180.

It is beneficial to soak the sanded or ground wood and to sand it smoothly using sanding paper of grain size 180-220 after it has dried; this step is absolutely necessary in the case of solid oak wood.

## COATING SYSTEM

### Stain application

Apply the stain twice uniformly and with moderate excess along the direction of the wood fibre so that the surfaces appear to be slightly moist.

### Subsequent coats

ADLER Aqua-Classic 13301 ff can be recoated with both water-based and solvent-based furniture paints and varnishes. We basically recommend the use of lightfast paints and varnishes such as, for example, ADLER Legnopur 26211 ff or ADLER Aqua-Rapid

CFB 30451 ff for light shades of wood stains. If paint or varnish types that are not lightfast are used, it must be reckoned with the fact that the final colour shade appears slightly yellowish; this effect becomes more prominent with ageing.

## NOTES ON ORDERING

### Container sizes

1 l; 5 l

### Colour shades / Degree of gloss



Colourless	13301	Cherry	13308
Bamboo	13302	Sage	13309
Vanilla	13303	Thyme	13310
Light brown	13304	Chilli	13311
Curry	13305	Dark walnut	13312
Saffron	13306	Light walnut	13313
Rose	13307	Graphite	13314

### Cherry colour shades:

Natur (Natural)	13430	Antik (Antique)	13433
Bernstein (Amber)	13431	Maron (Chestnut)	13434
Gold	13432		

All colour shades can be mixed with one another and, if required, can also be thinned using ADLER Aqua-Classic Farblos (colourless) 13301.

If it is thinned excessively, the self colour of the wood and the natural yellowing of the wood can lead to noticeable colour changes over a period of time.

The colour shade changes if the surface comes into contact with any metallic object.

**Prior to applying the stain, you should always stain a sample of the original wood and recoat it with the intended paint in order to assess the final colour shade. Always use stains bearing the same batch number for goods that are for sale or pertain to a particular consignment.**

### Supplementary products

ADLER Beizzusatz (stain additive) 89344  
ADLER Aqua-Cleaner 80080  
ADLER Legnopur 26211 ff  
ADLER Aqua-Rapid CFB 30451 ff

## OTHER INSTRUCTIONS

### Storage stability / Storage



At least 1 year in the original sealed containers.  
Store it in a cool place that is frost-free

### Safety-relevant information



Please follow the associated safety data sheet! The latest version can be retrieved from the Internet at [www.adler-lacke.com](http://www.adler-lacke.com).

In general, you must avoid inhaling paint aerosols. This is ensured by proper use of a breathing mask (combination filter A2/P2 – EN 141/EN 143).