

ADLER Aqua-Style

13831 ff

Water-based hardwood stains for particularly uniform stain finishes **for industrial and commercial users.**

PRODUCT DESCRIPTION

General

Water-based wood stains with lightproof special dyestuffs in combination with micronized pigments for particularly uniform stain finishes.

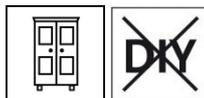
ADLER Aqua-Style 13831 ff may be recoated with water-thinnable and solvent-based furniture coatings.

Special Properties Test Standards



- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+

Areas of application



- It is used for applying stains to finely porous hardwoods such as, e.g. maple, beech, birch, alder etc. when you need a smooth and particularly uniform effect of the stains and when these surfaces need to be recoated using water-based or solvent-based paints.

PROCESSING

Instructions for application



- Stir the product well before use 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. It is not recommended to apply the stain using a paint brush or a sponge.
- Wood or timber types having low displacement capacity require less application as compared to those having more pronounced displacement capacity.
- 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**.

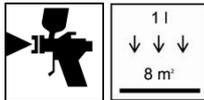
01-13 (supersedes 11-09) ZKL 1316

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Our instructions for use are based on knowledge available currently and shall guide the purchaser / user to the best of one's knowledge, but, however, must be clarified for the areas of application and processing conditions on a case-to-case basis. The purchaser / user decides about the acceptance and use of the delivered product at his / her own risk, which is why we recommend that a sample piece be prepared to check the acceptability of the product. Our general terms and conditions of sale are otherwise applicable. All previous data sheets are rendered invalid with the issue of this one. Rights reserved for the modification of the container sizes, colour shades and degrees of gloss available.

- The colour shade changes if the liquid stain comes into contact with any metallic object.
- 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 ² /l) ¹⁾	approx. 8
¹⁾ Yield including addition of thinner and loss while spraying	

Spray the stain twice using the wet on wet method with slight excess uniformly along the direction of the wood fibre so that the surfaces appear moist.

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 at best after allowing to remain overnight
Water-based paints and varnishes can be recoated	after approx. 5 hours

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).

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 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 wood after grinding it and to sand it smoothly using grain size 150/180 after it has dried.

COATING SYSTEM

Stain application

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

Subsequent coats

ADLER Aqua-Style 13831 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**

0.9 l; 4 l

Colour shades / Degree of gloss

Colourless	13831	Berlin	13837
London	13832	Tokyo	13838
Paris	13833	Rome	13839
Milan	13834	Barcelona	13840
Hamburg	13835	Madrid	13841
Vienna	13836		

All colour shades can be mixed with one another and, if required, can also be thinned using ADLER Aqua-Style Farblos (colourless) 13831.

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.

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 PUR-Primer 25291
ADLER Legnopur 26211 ff
ADLER Aqua-Rapid CFB 30451 ff
ADLER Aqua-Cleaner 80080

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.

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).