

## ADLER Aqua-Neoantik

14471 ff

Water-based **hardwood stain** for an antique appearance accentuating the wood pores of the article stained with wood colour shades, for **industrial and commercial end uses**

### PRODUCT DESCRIPTION

#### General

Water-based hardwood stain having a high level of light fastness using special dyes for stain finishes accentuating the pores with wood colour shades. The product can be recoated with water-based and solvent-based wood 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



- They are meant to stain coarsely porous hardwoods when you wish to achieve an antique stain finish.
- ADLER Aqua-Neoantik 14471 ff may also be used of finely porous hardwoods such as, for example, beech wood if a stain finish accentuating the texture is desired.
- ADLER Aqua-Neoantik 14471 ff can also be used to achieve a distinctly attractive but unfavourable appearance of stains on softwoods such as, for example, spruce.

### 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 on small surfaces.
- 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**

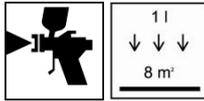
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Our instructions for use are based on knowledge available currently and shall guide the purchaser / user to the best of one's knowledge, but, however, must be clarified for the areas of application and processing conditions on a case-to-case basis. 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)	1,5 - 2,5
Application quantity (gm/m <sup>2</sup> )	30 - 40
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)



Water-based paints and varnishes can be recoated	after approx. 5 hours
Solvent-based paints and varnishes can be recoated	after approx. 12 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 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

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.

On wood types such as, for example, ash, oak and spruce, we recommend that, shortly after the application (approx. 45 gm/m<sup>2</sup>), you first spread it across and then along the direction of the fibre; by doing so, you achieve a stain appearance that accentuates the

texture on coarsely porous hardwoods more intensely. In case of finely porous hardwoods, it is recommended to apply smaller quantities (approx. 35 gm/m<sup>2</sup>), since the stains are not distributed after the application.

### Subsequent coats

ADLER Aqua-Neoantik 14471 ff can be recoated with both water-based and solvent-based ADLER furniture paints and varnishes. We basically recommend the use of lightfast paints and varnishes such as, for example, ADLER Aqua-Soft CFB 30361 ff or ADLER Legnopur 26211 ff for bright shades of wood stains and colours. 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 14471

#### Colour shades:

Yellow	14472	Granite	14476
Red	14473	Magnetite	14477
Blue	14474	Slate	14478
Chalk	14475	Lava	14479

#### Wood colour shades:

Calcite	14480	Bronzite	14483
Sandstone	14481	Onyx	14484
Haematite	14482		

All colour shades can be mixed with one another and, if required, can also be thinned using ADLER Aqua-Neoantik colourless 14471.

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.

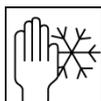
**Prior to applying the stain, you should always stain a sample of the original wood and recoat it with the intended paint in order to assess the final colour shade. Always use stains bearing the same batch number for goods that are for sale or pertain to a particular consignment.**

### Supplementary products

ADLER Aqua-Cleaner 80080  
ADLER Legnopur 26211 ff  
ADLER Aqua-Soft CFB 30361 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).