

## Arova Aqua-Classic

1333

Water-based **hardwood stain** for stain effects that are not pore-accentuated for **industrial and professional use**.

### PRODUCT DESCRIPTION

#### General

Water-based hardwood stain with high light fastness due to special dyes for stain effects that are not pore-accentuated. The product is especially suitable for overpainting with water-based wood varnishes. Overcoating with solvent-based paints is also possible.

#### Special properties and standards



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

#### Application areas



- Depending on the furniture varnish used, the product is suitable for surfaces of furnitures and interior finishing in application areas II – IV according to ÖNORM A 1610-12.
- Not pore accentuated stain pattern on fine pored and coarsely porous hardwoods in the furniture manufacture.
- Application in combination with a suitable topcoat system.

### PROCESSING

#### Instructions for use



- Please stir product well before and during use.
- 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. An application with brush or sponge is also possible on small dimensioned surfaces.
- Less absorbent wood types require less application compared to more absorbent timber.
- In the case of coarse-pored hardwoods such as ash or oak, a pore-accentuated stain pattern can be achieved if the stain is spread across and then along direction of the wood fibre shortly after application.
- In order to achieve a highly uniform stain effect, you can add – particularly in case of Maple and Beech Tree – up to a maximum

10-18 (supersedes 06-18) ZKL 1333

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Our instructions for use are based on knowledge available currently and shall guide the buyer/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 buyer/user is responsible for deciding on the suitability and use of the delivered product, which is why it is recommended to produce a sample to check the suitability 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.

of **10 % ADLER Aqua-Beizzusatz 89344**. When using more than 10 %, adhesion problems could appear.

- Various types of wood such as Oak and Larch, etc. contain water-soluble substances, which become active when overcoating with water-based furniture varnishes. 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 **“Working guidelines for staining wood”**.
- Please observe the relative technical data sheets of the products.

### Application technique



| Application method  | Cup gun   |
|---|-----------|
| Spraying nozzle (ø mm)  | 1.5       |
| Spraying 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, the properties and moisture of the substrate 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)



|                                   |                        |
|-----------------------------------|------------------------|
| Recoatable (water-based paints)   | after approx. 5 hours  |
| Recoatable (solvent-based paints) | after approx. 12 hours |

The figures given above are reference values. The drying time depends on the type of substrate, coat thickness, temperature, air exchange and relative atmospheric humidity.

Avoid direct sunlight (very quick drying).

### Cleaning the working equipment



With water or Aqua-Cleaner 80080 immediately after use.

## SUBSTRATE

### Type of substrate

Fine pored and coarsely porous hardwoods  
Especially recommended for beech, maple, birdseye maple, alder, cherry, walnut, oak and ash.

### Substrate property

The substrate must be dry, clean, capable of holding the paint, free from separating substances such as grease, wax, silicone, resin etc. and free from wood dust, as well as tested for suitability for coating.

### Preparation of the substrate

Wood sanding with grit size 150-180.

Rinsing the sanded wood and, once it has dried, sanding it smooth with grit size 180 - 220 is beneficial; with solid oak, this step is essential.

## COATING SYSTEM

### Stain application

2 x evenly and with moderate excess along the direction of the wood fiber so that the surfaces appear slightly wet.

**Subsequent coating**

Arova Aqua-Classic 1333 can be recoated with water-based as well as solvent-based furniture paints. For light stain colour shades, as a matter of principle we recommend using lightfast paints such as ADLER Legnopur 26211 ff or ADLER Aqua-Resist 30461 ff. When using non-lightfast types of paint, it can be expected that the final color will appear slightly yellowish; this effect increases with aging.

**ORDERING INFORMATION****Size of trading unit**

1 l; 5 l

**Colour shades / degrees of gloss**

|            |            |                 |            |
|------------|------------|-----------------|------------|
| Farblos    | 1333400100 | Nussbaum hell   | 1333400180 |
| Bambus     | 1333400110 | Cherry          | 1333400190 |
| Vanille    | 1333400120 | Antik           | 1333400200 |
| Curry      | 1333400130 | Pfeffer         | 1333400210 |
| Safran     | 1333400140 | Nussbaum dunkel | 1333400220 |
| Lichtbraun | 1333400150 | Kakao           | 1333400230 |
| Thymian    | 1333400160 | Wenge           | 1333400240 |
| Bernstein  | 1333400170 | Espresso        | 1333400250 |

- All colors can be mixed with each other and, if required, can also be thinned using Arova Aqua-Classic Farblos 1333400100.
- If it is thinned excessively, the inherent color of the wood and the natural yellowing of the wood can lead to noticeable color changes over a period of time.
- The final colour shade is basically obtained from the inherent colour of the wood, the applied quantity, the colour shade of the stain and the colour shade of the coating.
- The color changes if it comes into contact with metal.
- **Prior to applying the stain and the coating, you should always stain a sample on the original wood and treat it with the intended coating material in order to assess the final colour shade. For a commission, therefore, only use stain from the same batch.**

This technical data sheet also applies to Arova Aqua-Classic 13323 ff

**Supplementary products**

ADLER Aqua-Beizzusatz 89344  
ADLER Aqua-Cleaner 80080  
ADLER Legnopur 26211 ff  
ADLER Aqua-Resist 30461 ff

**FURTHER DETAILS****Durability/storage**

At least 1 year in the original sealed containers.

Store cool but frost-free.

**Safety-related information**

Further information on the subject of safety during transport, storage and handling as well as disposal can be found in the relevant safety data sheet. The current version can be accessed on the Internet at **[www.adler-lacke.com](http://www.adler-lacke.com)**.

The product is only suitable for industrial and professional use.

In general, inhaling paint aerosols must be avoided. This is ensured by correctly using a respiratory mask (combination filter A2/P2 – EN 141/EN 143).